

FORMAS DE ONDA NEW ORION CEB 1200-1400-1600VA 24VDC

ENTRADA: 220/115Vac

SAÍDA: 115Vac



CURSO TREINAMENTO:

LINHA NOBREAK NEW ORION

- New orion CEB 1200-1400-1600VA 24Vdc (Entrada220/115 - Saída115Vac)
- New orion VP 800VA 12Vdc (Entrada220/115 – Saída115Vac)
- New orion VP 1200VA (E/S 220Vac) e (E/S 110Vac)
- Orion plus 2400-3000VA (Entrada 220/115 Saída 115Vac)

Sumário

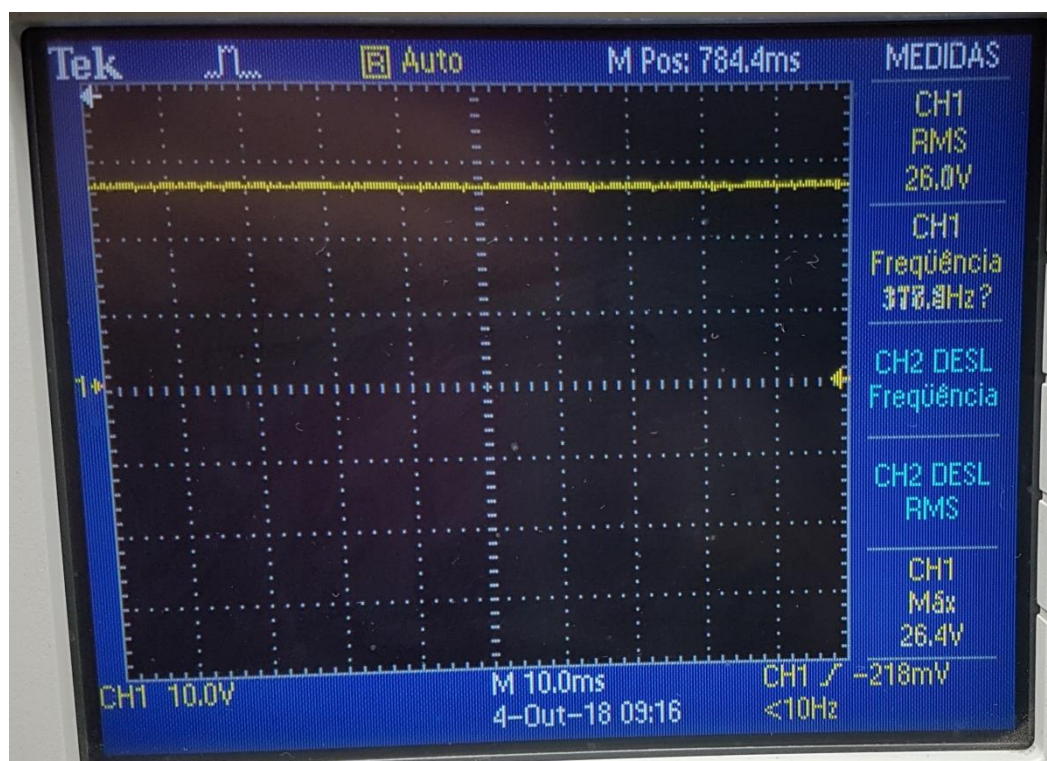
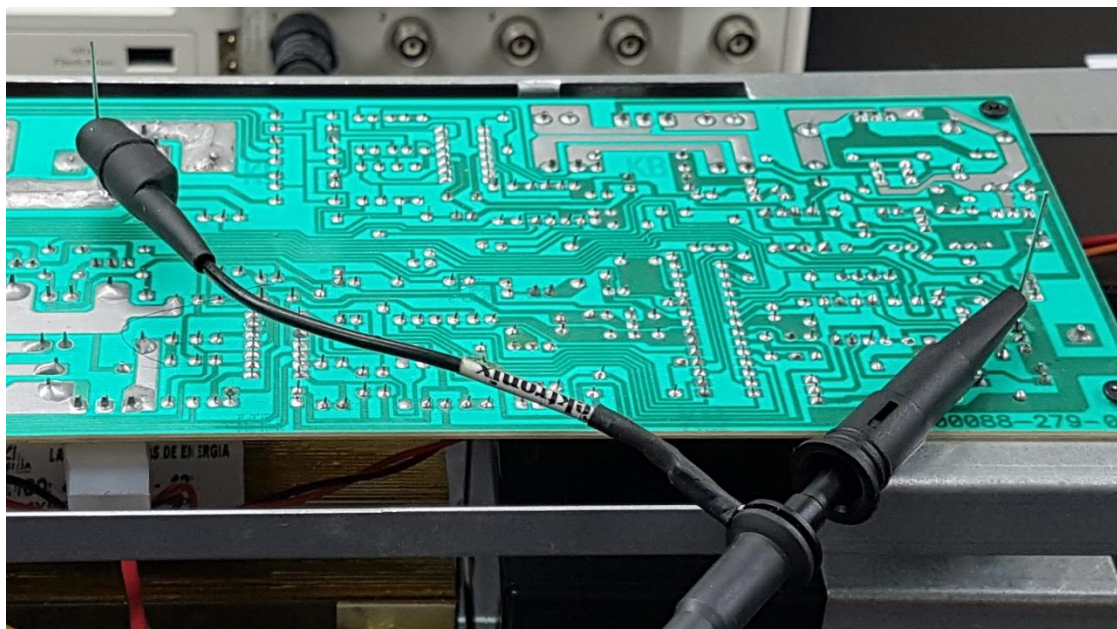
1.MODO BATERIA:	3
1.1. Medição no ponto A (coletor Q1 e referencial terra)	3
1.2. Medição no ponto B (divisor entre R30 e R34, referencial terra).....	4
1.3. Medição no ponto C (Dissipador ou coletor Q2, referencial terra)	5
1.4. Medição no ponto D (Catodo D4, referencial terra)	6
1.5. Medição no ponto E (Emissor do Q2, referencial terra)	7
1.6. Medição no ponto F (+ do C12, referencial terra)	8
1.7. Medição no ponto G (Divisor entre R23 e R32, referencial terra)	9
2.VERIFICAÇÃO EM CADA PINO DO MICROCONTROLADOR	10
2.1. Medição no pino 1.....	10
2.2. Medição no pino 2.....	11
2.3.Medição no pino 3	12
2.4.Medição no pino 4	13
2.5.Medição no pino 5	14
2.6.Medição no pino 6	15
2.7.Medição no pino 7	16
2.8.Medição no pino 8	17
2.9.Medição no pino 9	18
2.10.Medição no pino 10	19
2.11.Medição no pino 11	20
2.12. Medição nos pinos 11 e 12 simultaneamente	21
2.13.Medição no pino 13	22
2.14.Medição no pino 14	23
2.15.Medição no pino 15	24
2.16.Medição no pino 16	25
2.17.Medição no pino 17	26
2.18.Medição no pino 18	27
2.19.Medição no pino 19	28
2.20. Medição nos pinos 20 e 21.....	29
2.21.Medição no pino 22	30
2.22.Medição no pino 23	31
2.23.Medição no pino 24	32

2.24.Medição no pino 25	33
2.25.Medição no pino 26	34
2.26.Medição no pino 27	35
2.27.Medição no pino 28	36
3.FORMA DE ONDA EM MODO REDE:.....	37
3.1.SINCRONISMO	37
3.2.Medição nos pinos 17 e 18 em rede:	38
3.3.Medição no anodo D8 com referencial terra:.....	39
3.4.FORMA DE ONDA SAÍDA INVERSOR:	40

Formas de ondas Placa New Orion CEB 1200, 1400 e 1600 VA – 24Vdc

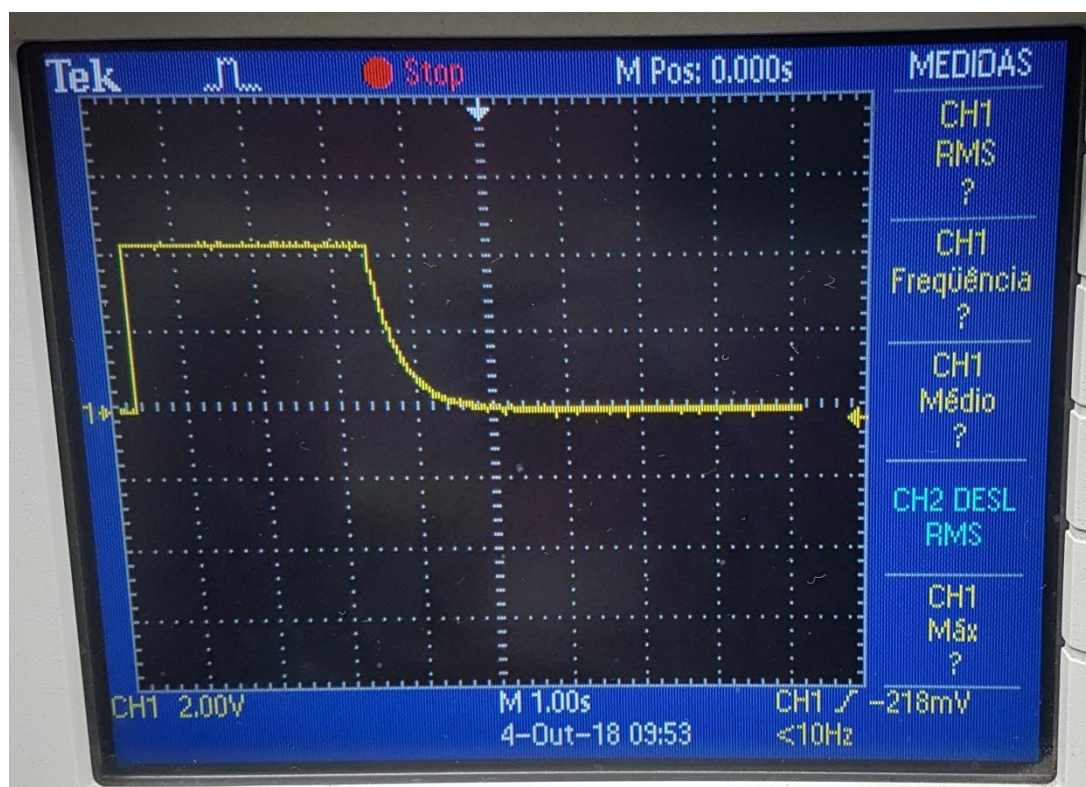
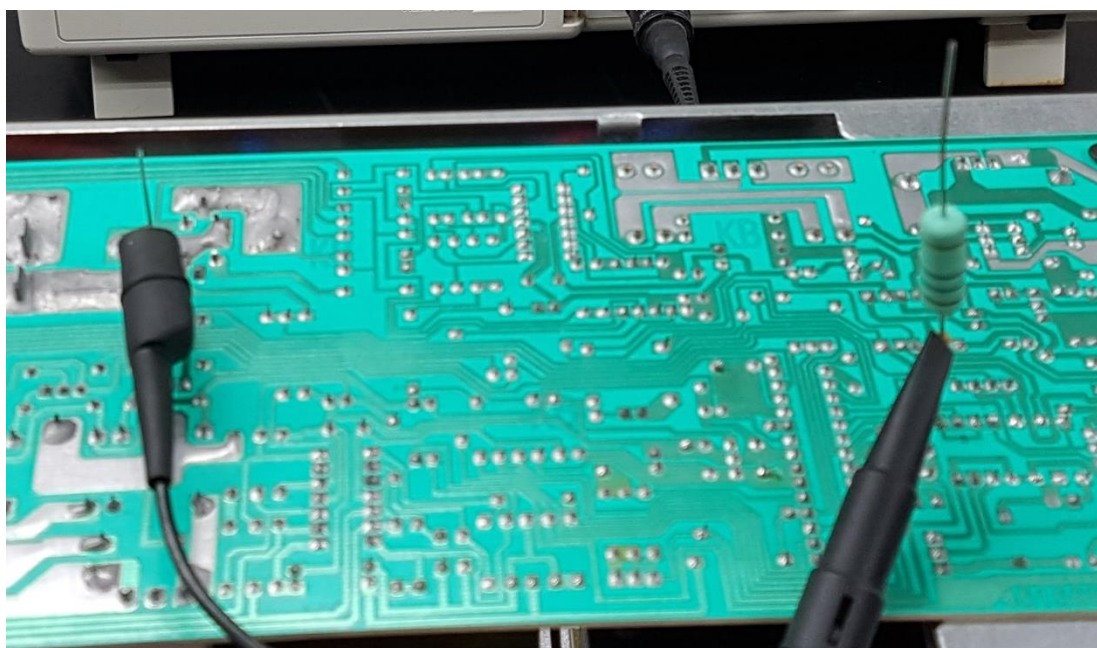
1.MODO BATERIA:

1.1. Medição no ponto A (coletor Q1 e referencial terra)



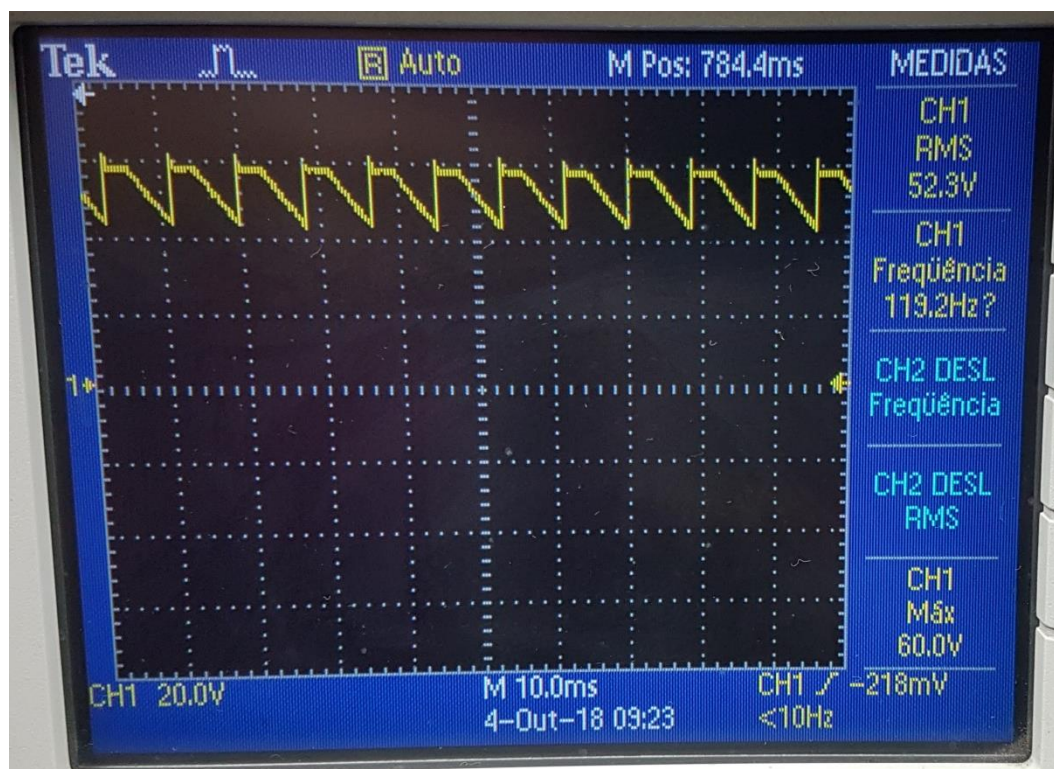
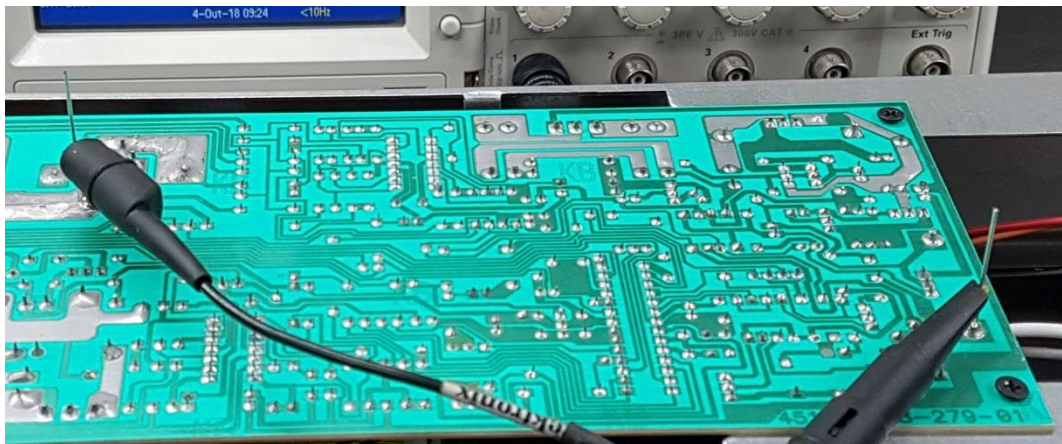
Onda no osciloscópio

1.2. Medição no ponto B (divisor entre R30 e R34, referencial terra)



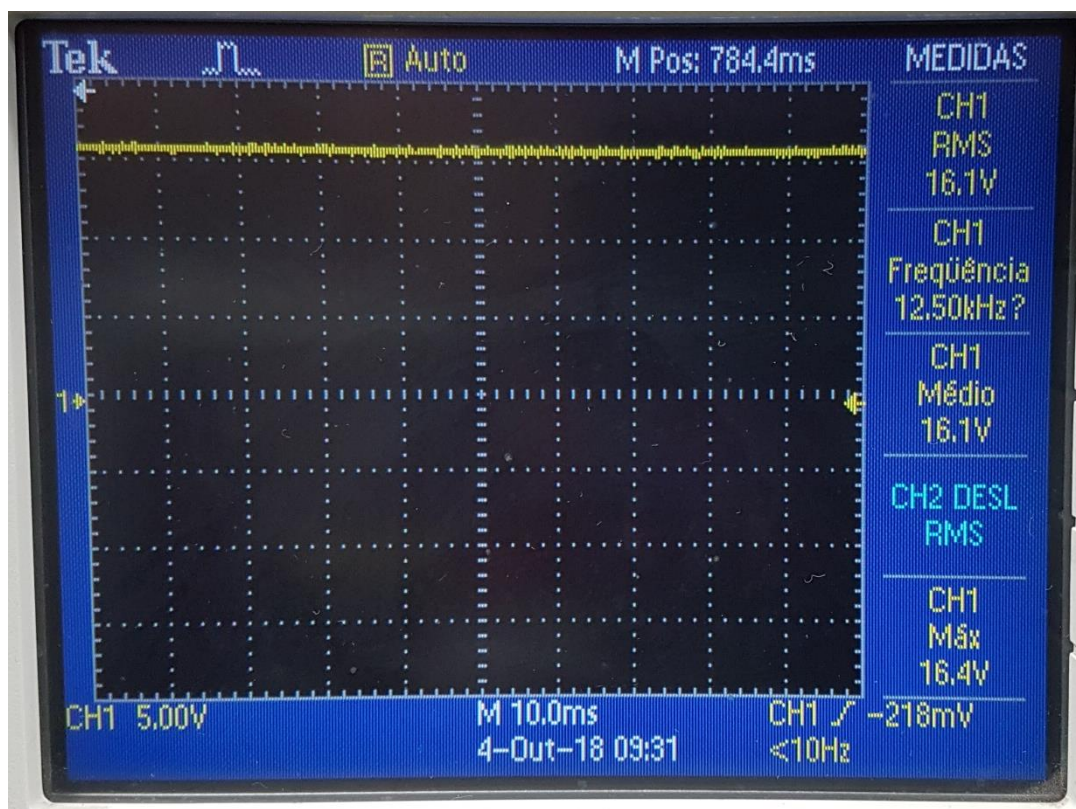
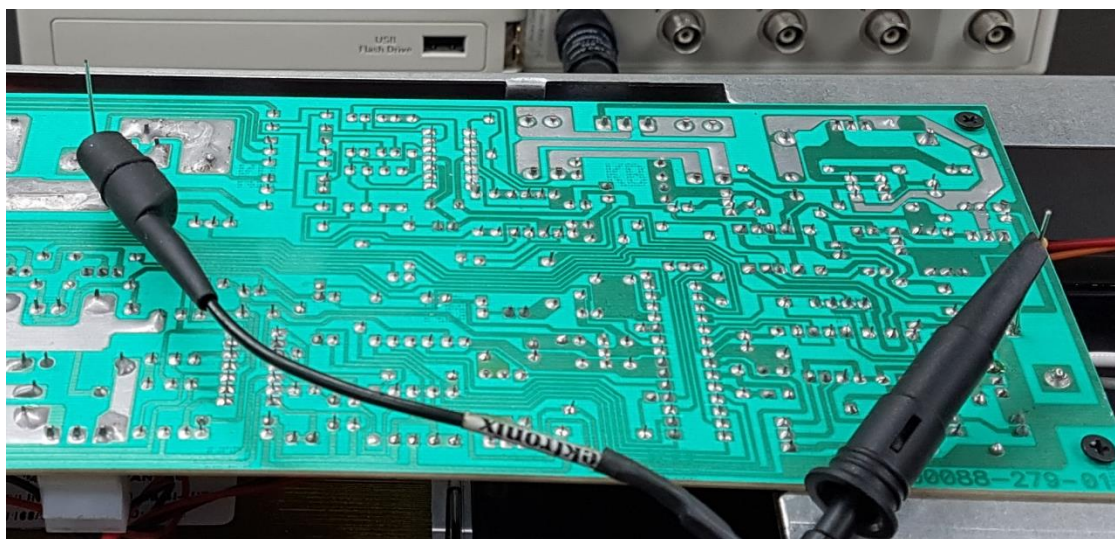
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1.3. Medição no ponto C (Dissipador ou coletor Q2, referencial terra)



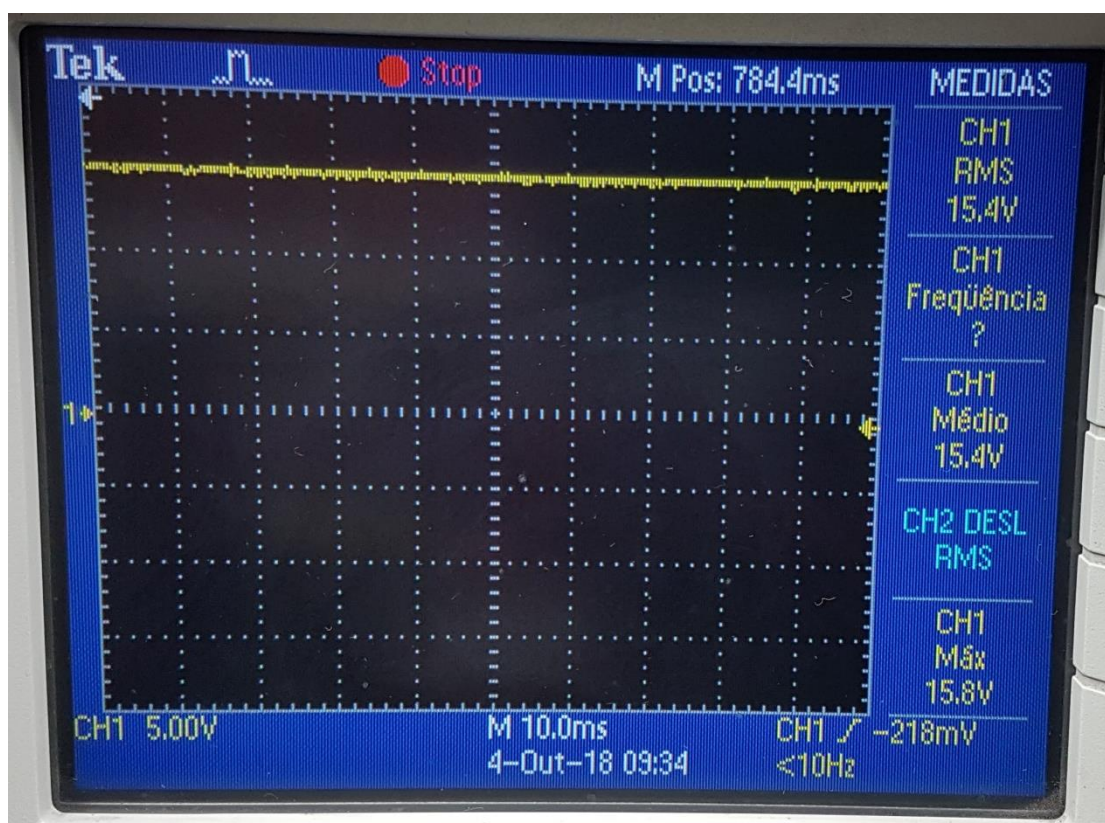
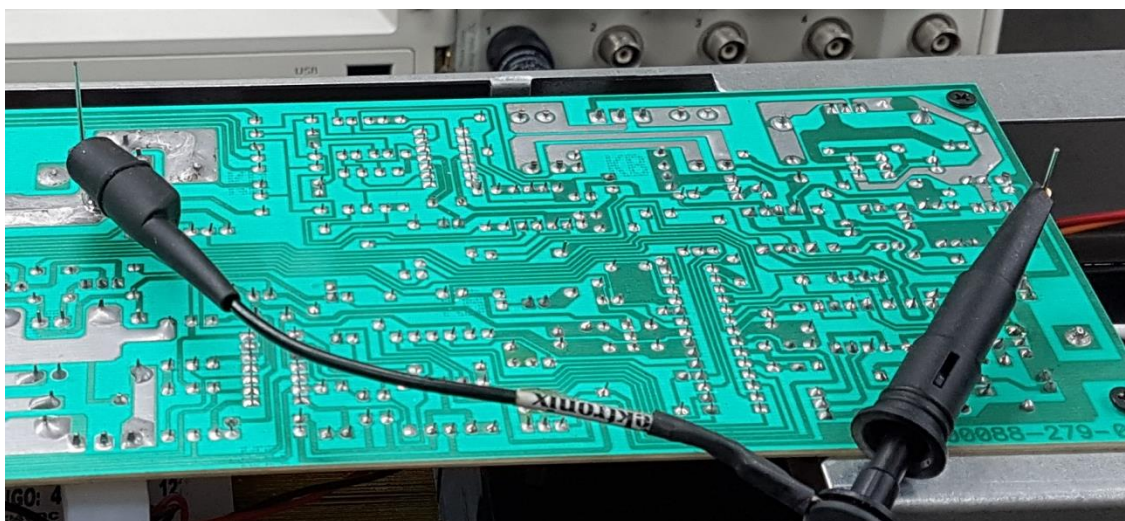
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1.4. Medição no ponto D (Catodo D4, referencial terra)



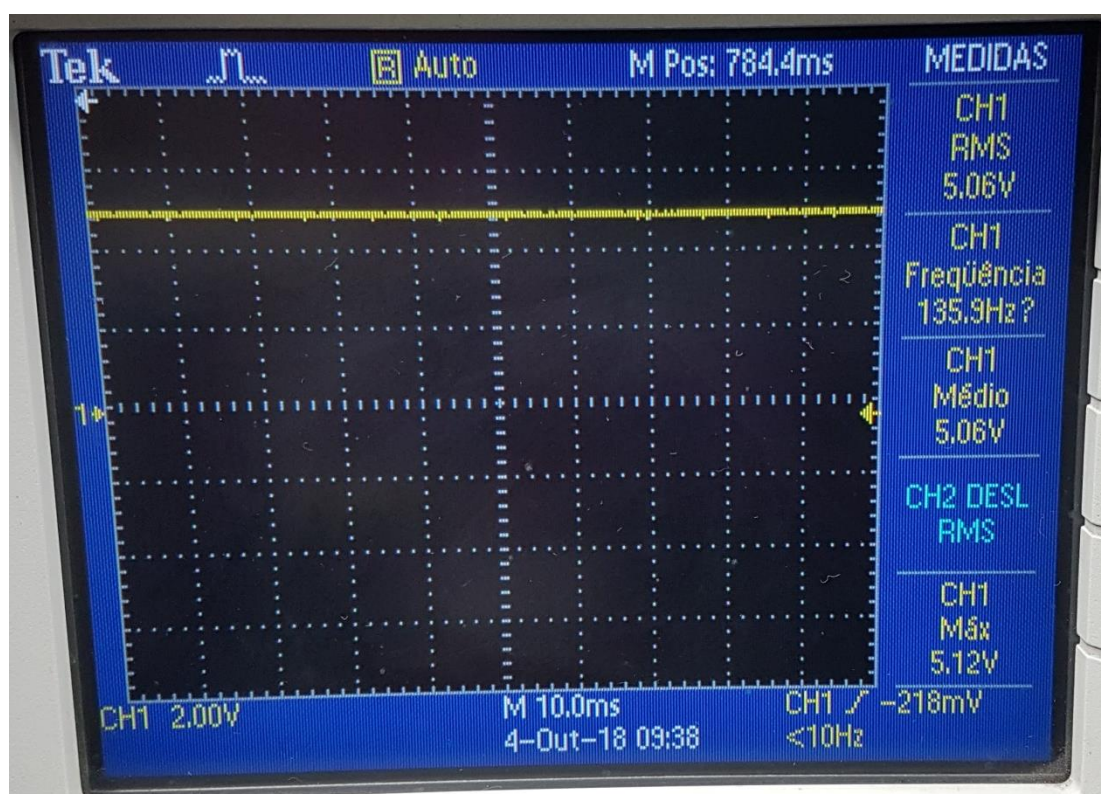
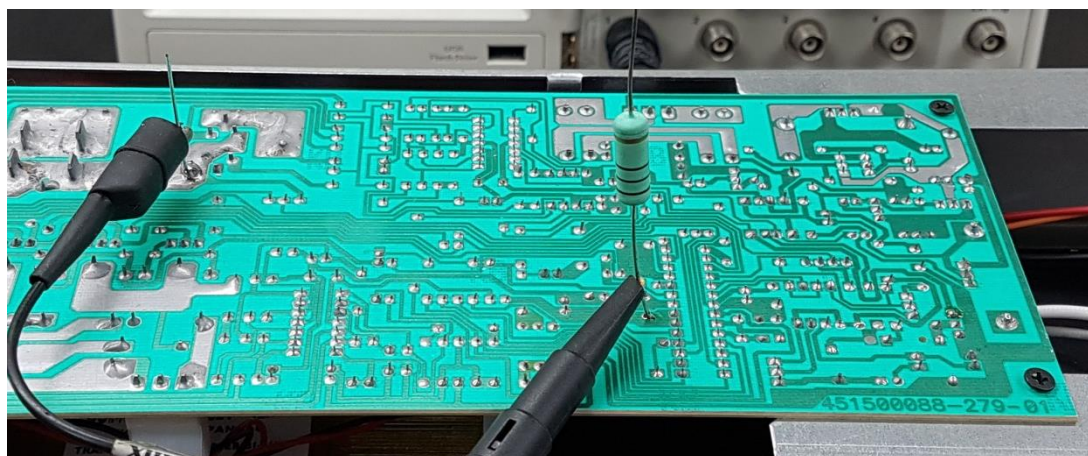
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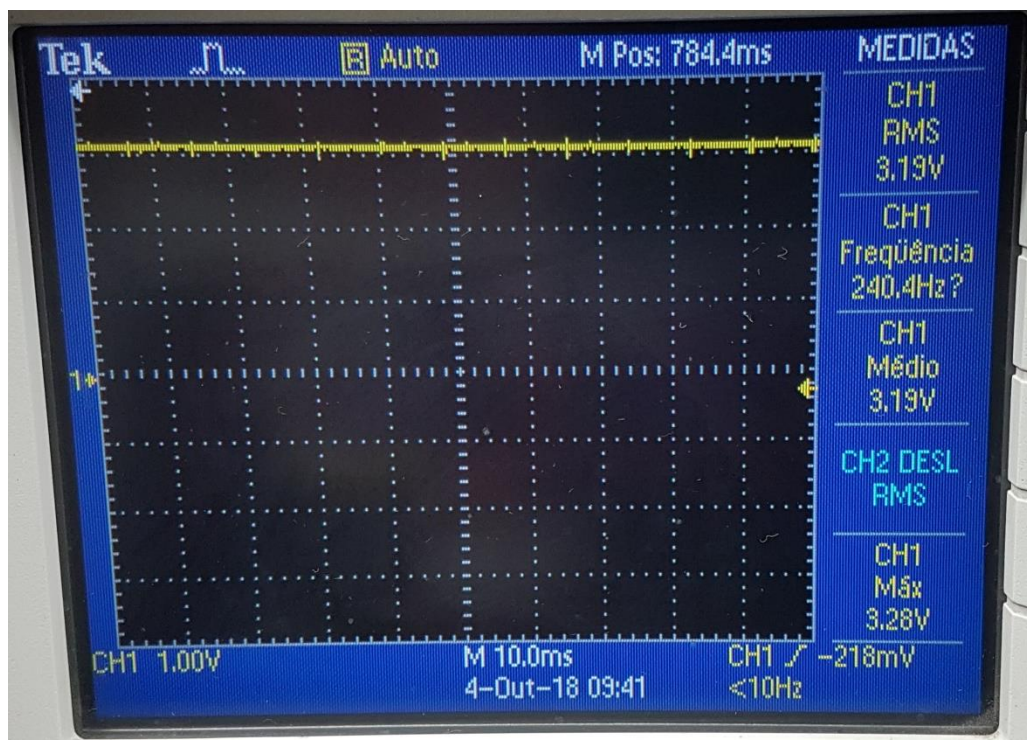
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1.6. Medição no ponto F (+ do C12, referencial terra)



Onda no osciloscópio

1.7. Medição no ponto G (Divisor entre R23 e R32, referencial terra)

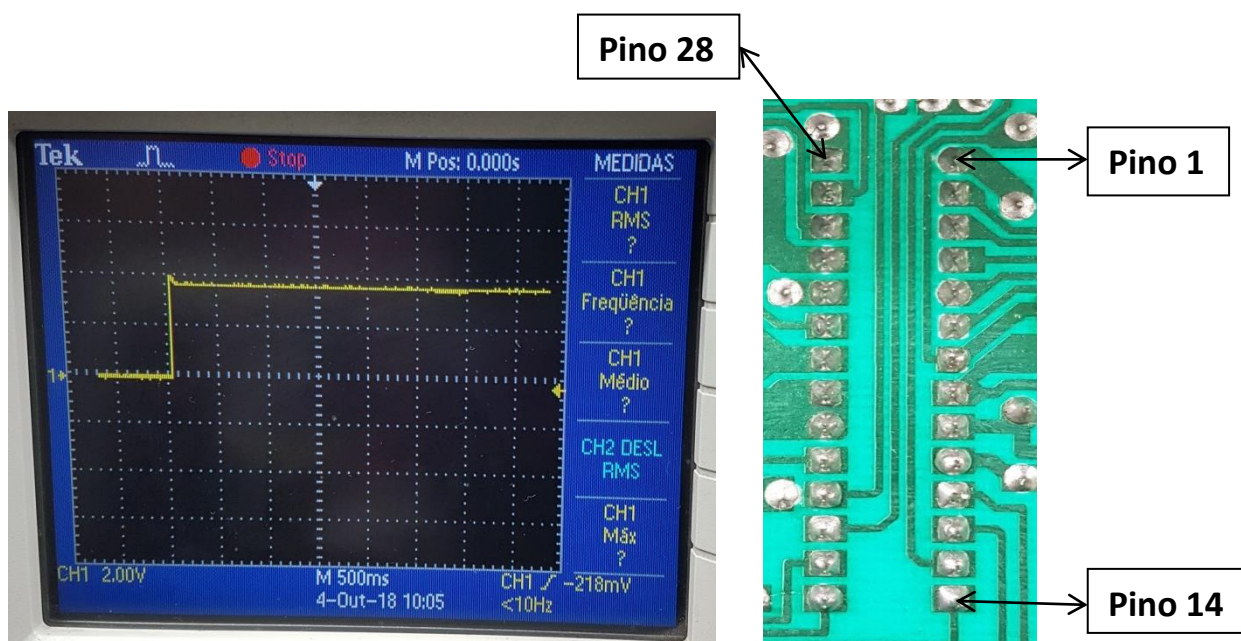
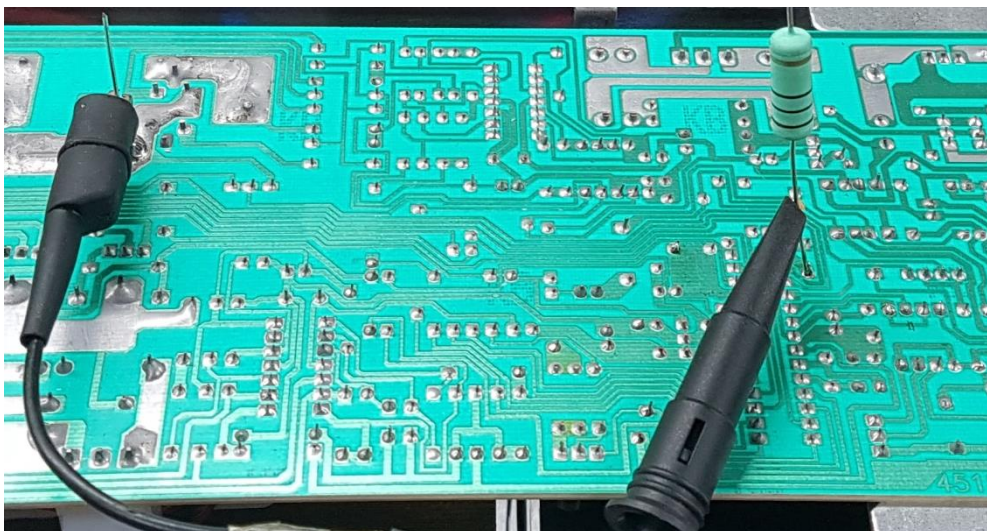


Onda no osciloscópio

2. VERIFICAÇÃO EM CADA PINO DO MICROCONTROLADOR

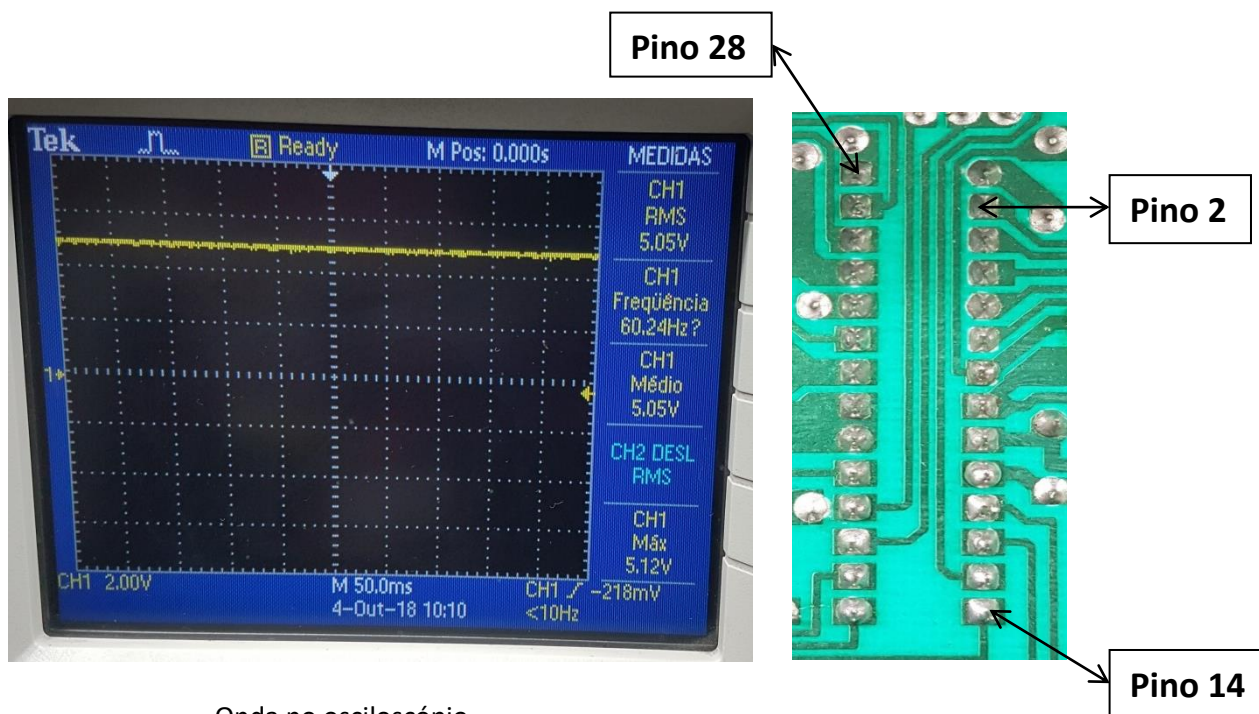
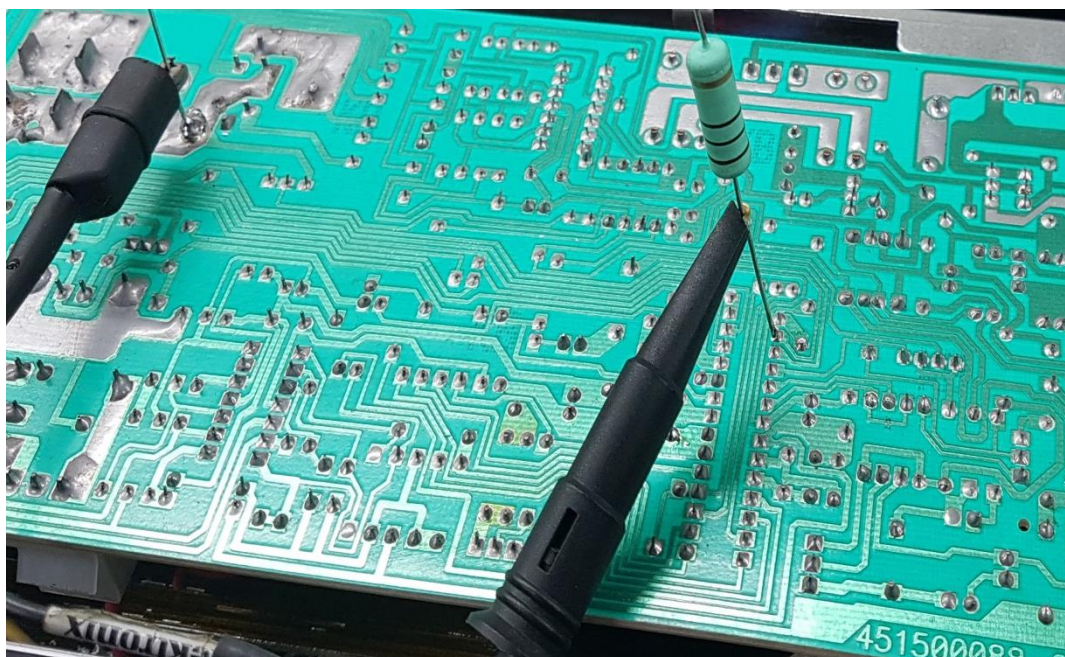
- Referencial terra em todas as medições

2.1. Medição no pino 1

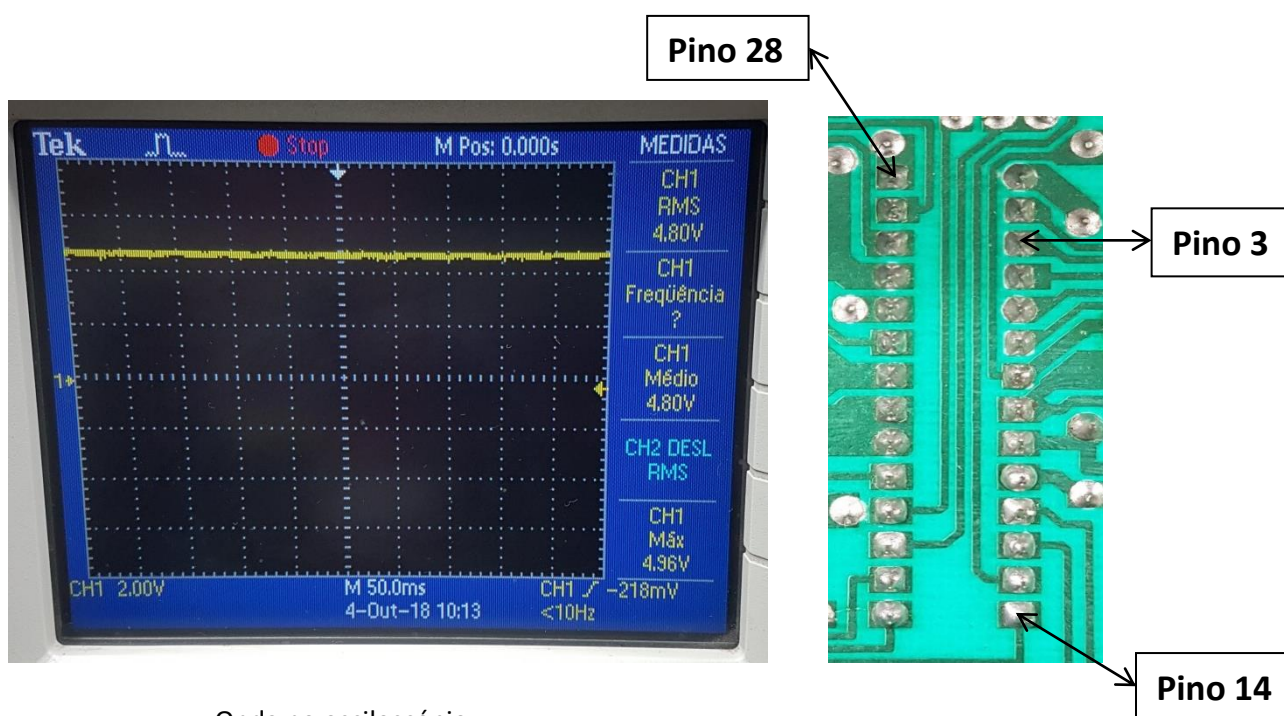
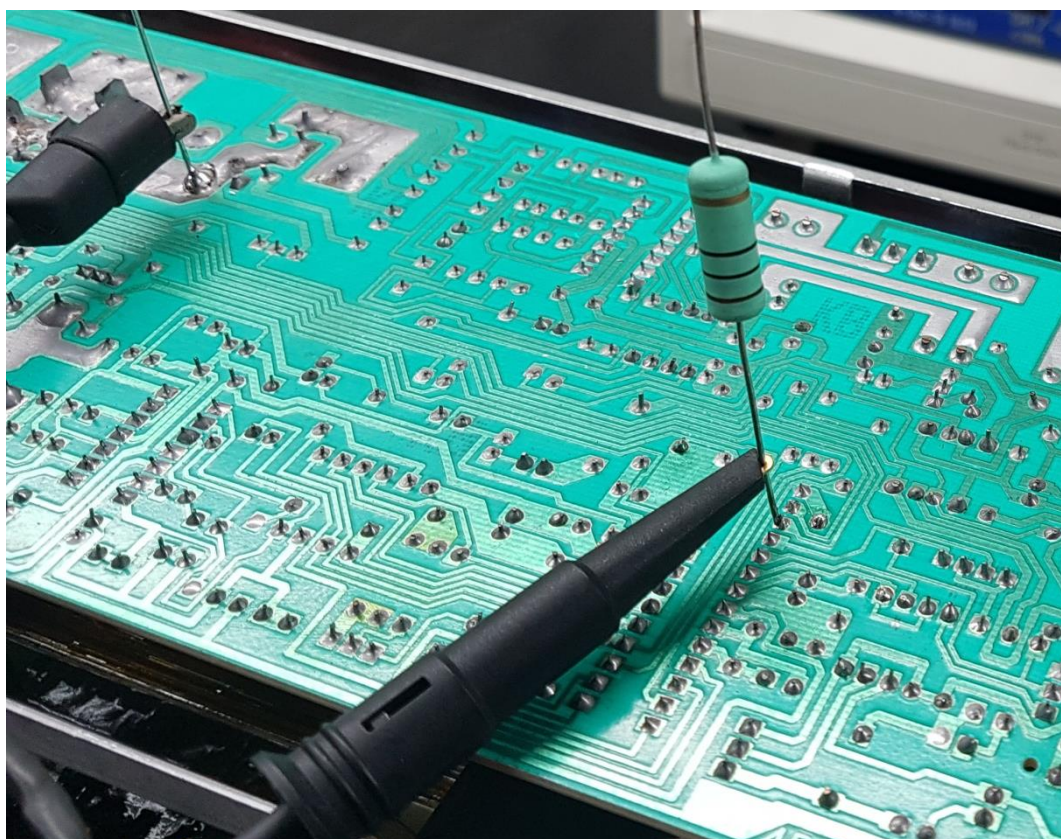


Onda no osciloscópio

2.2. Medição no pino 2

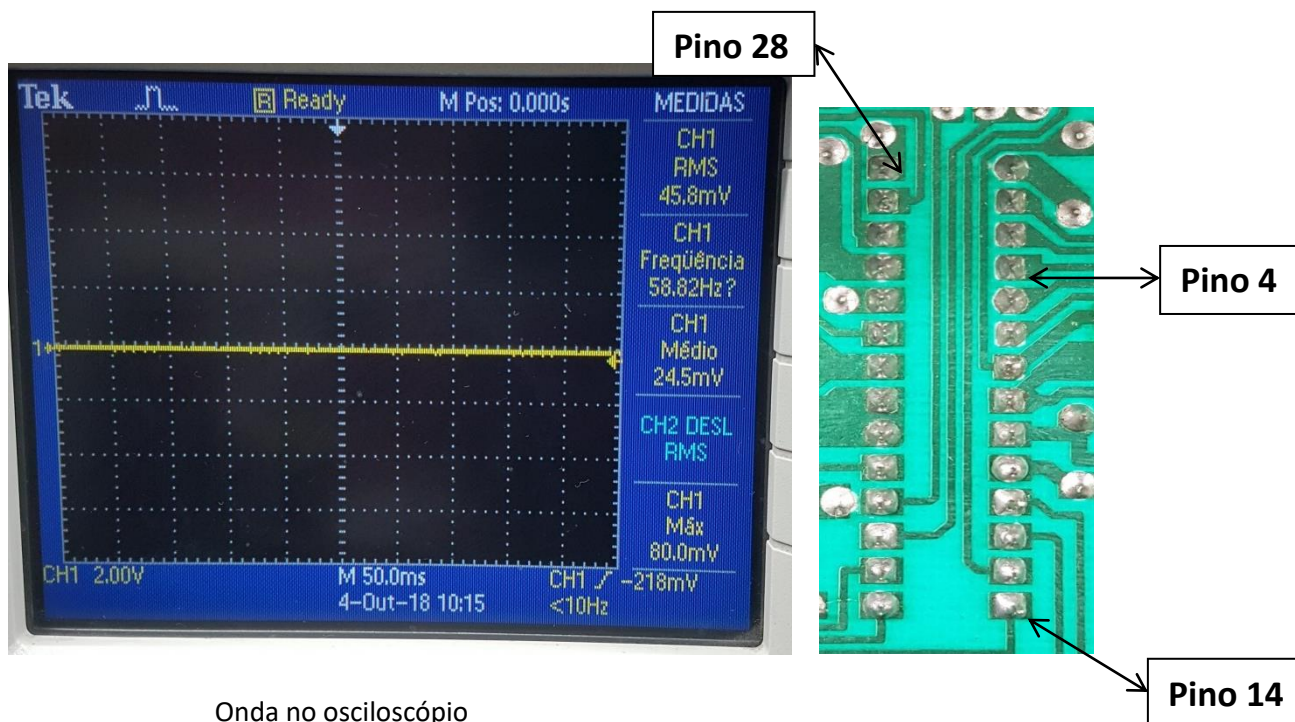
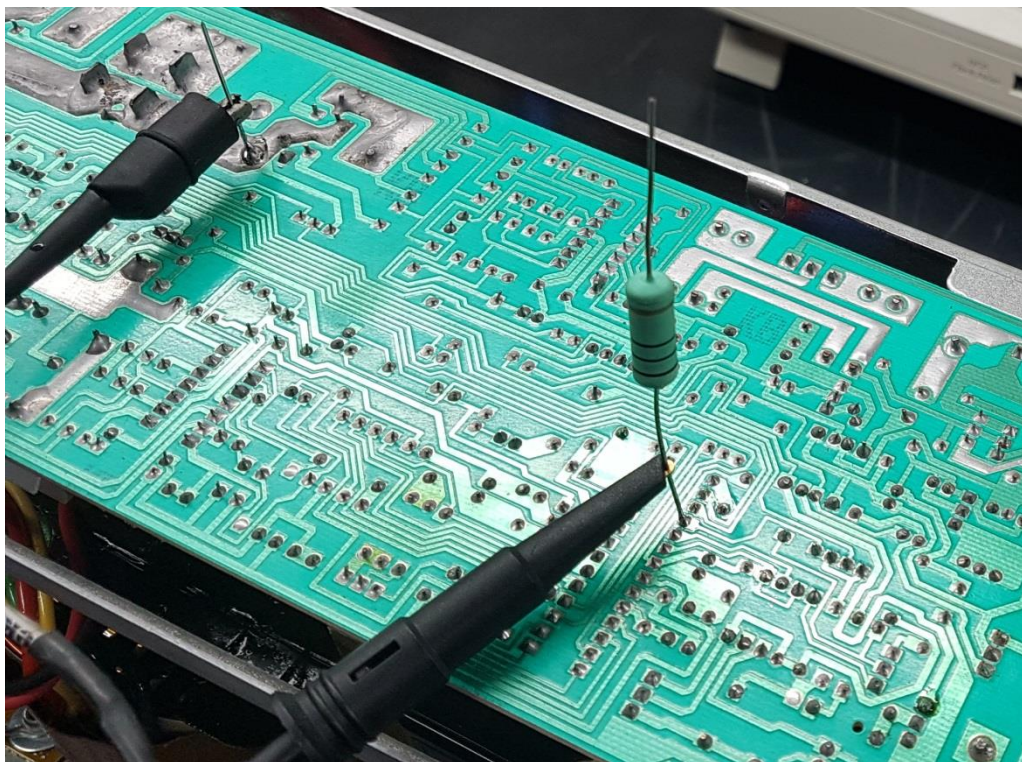


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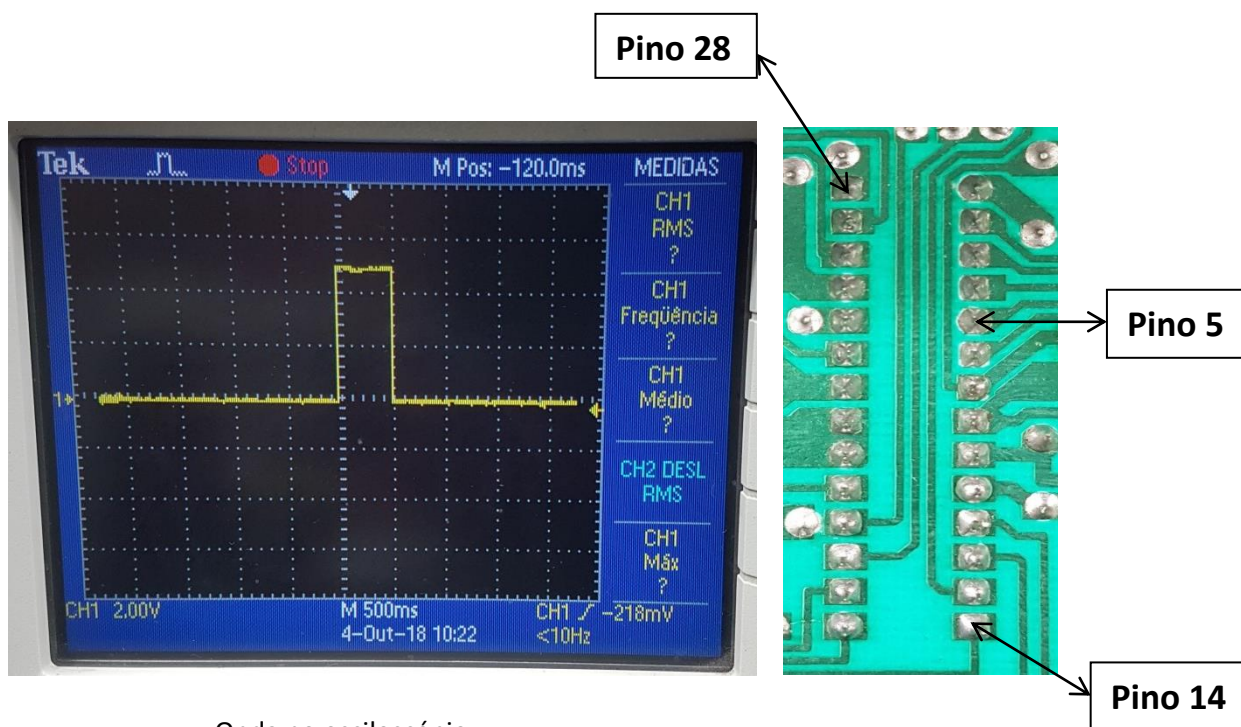
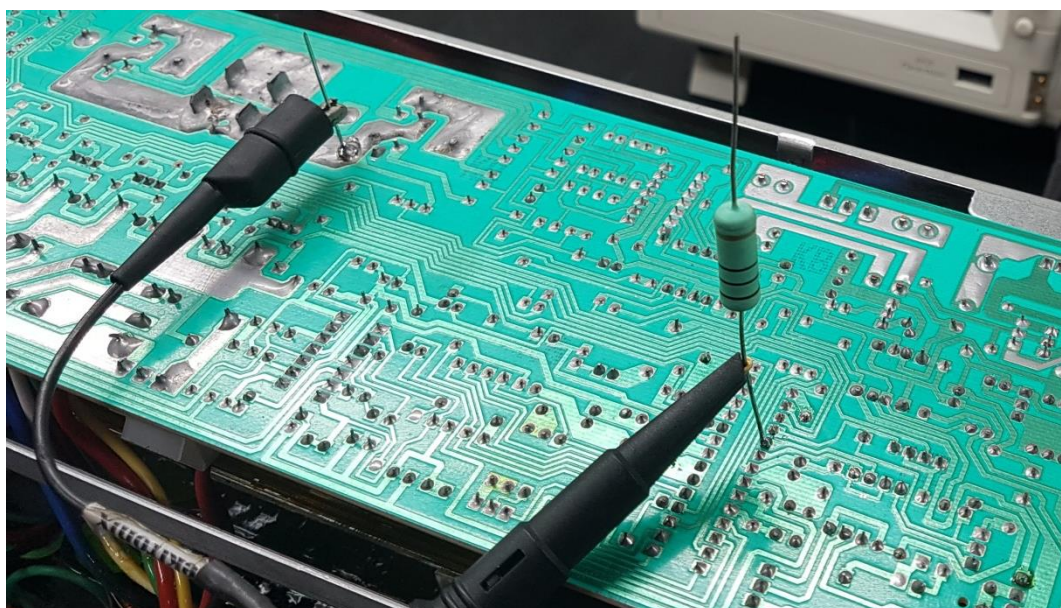
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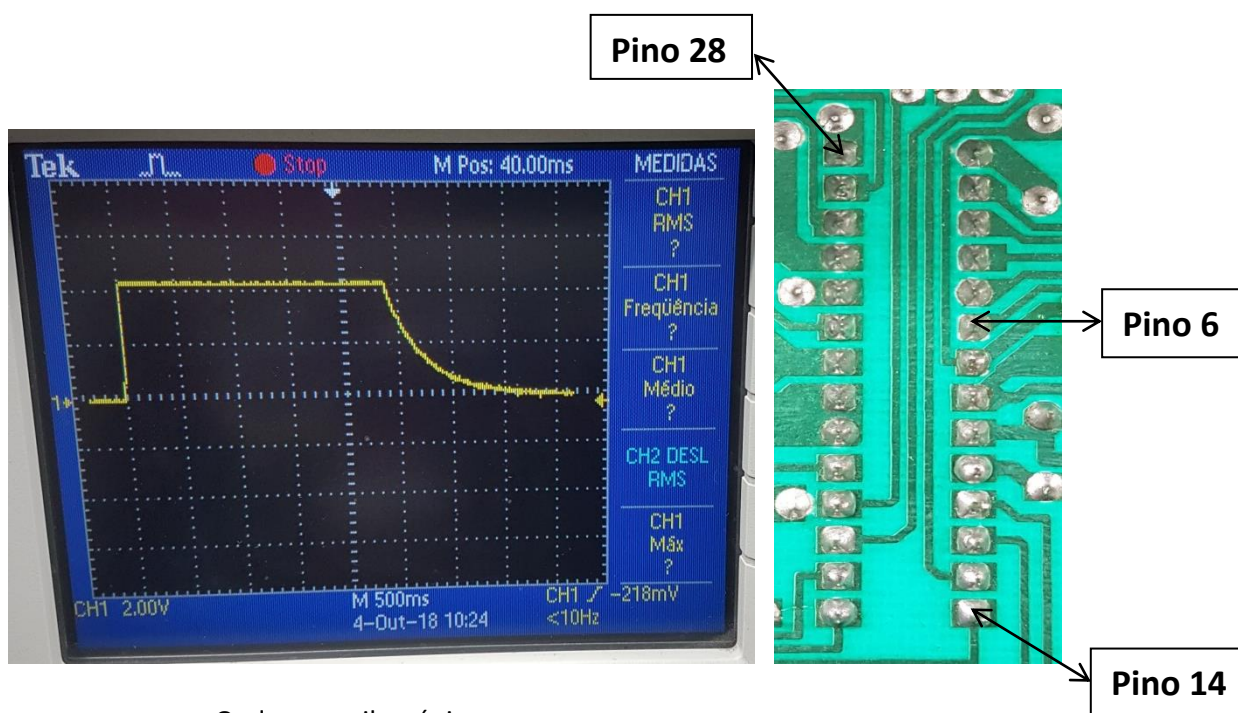
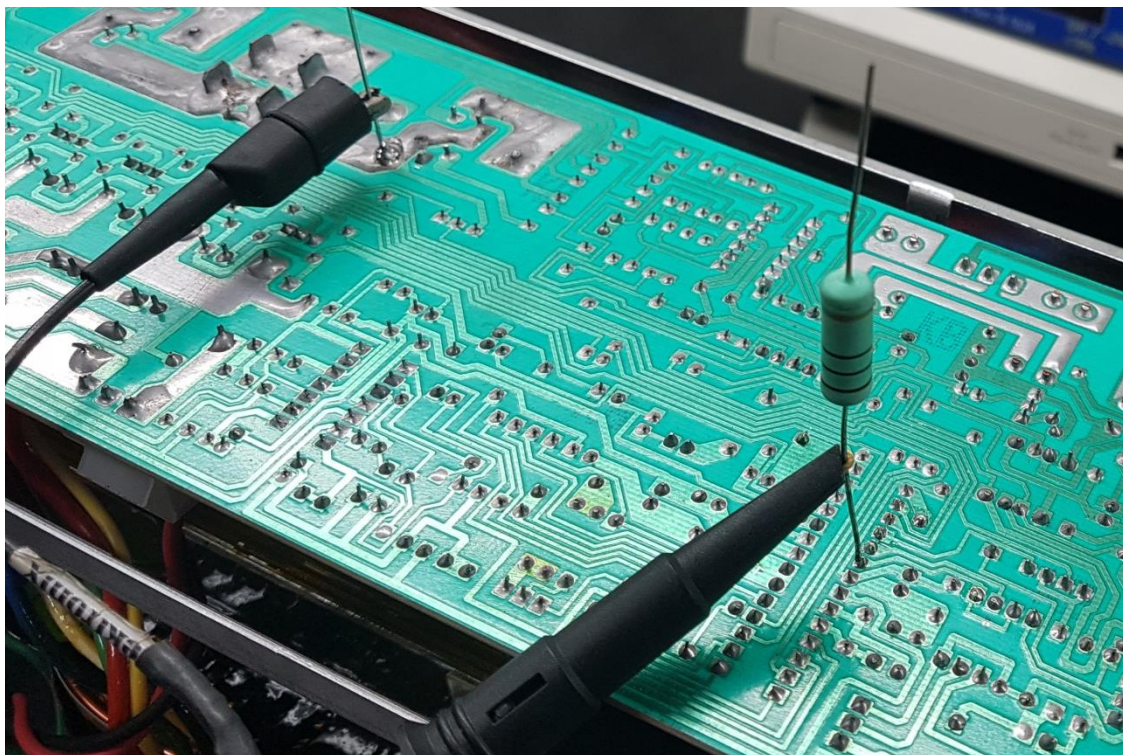


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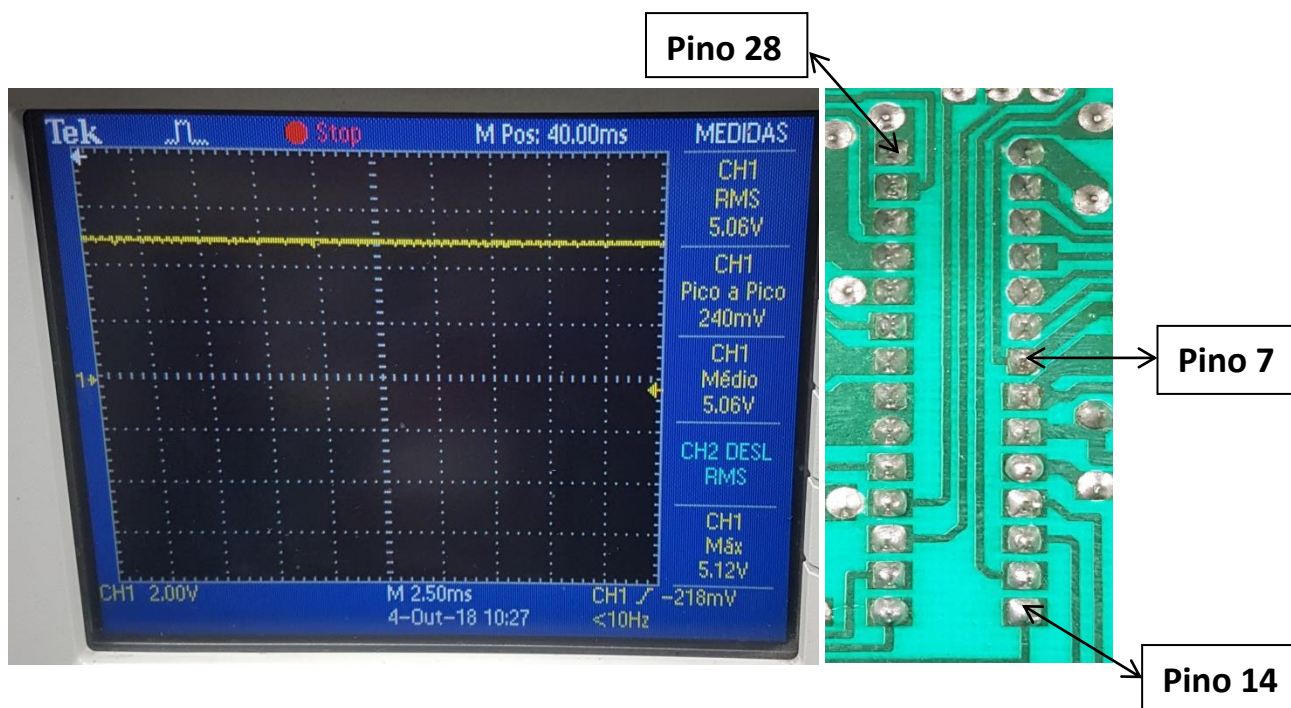
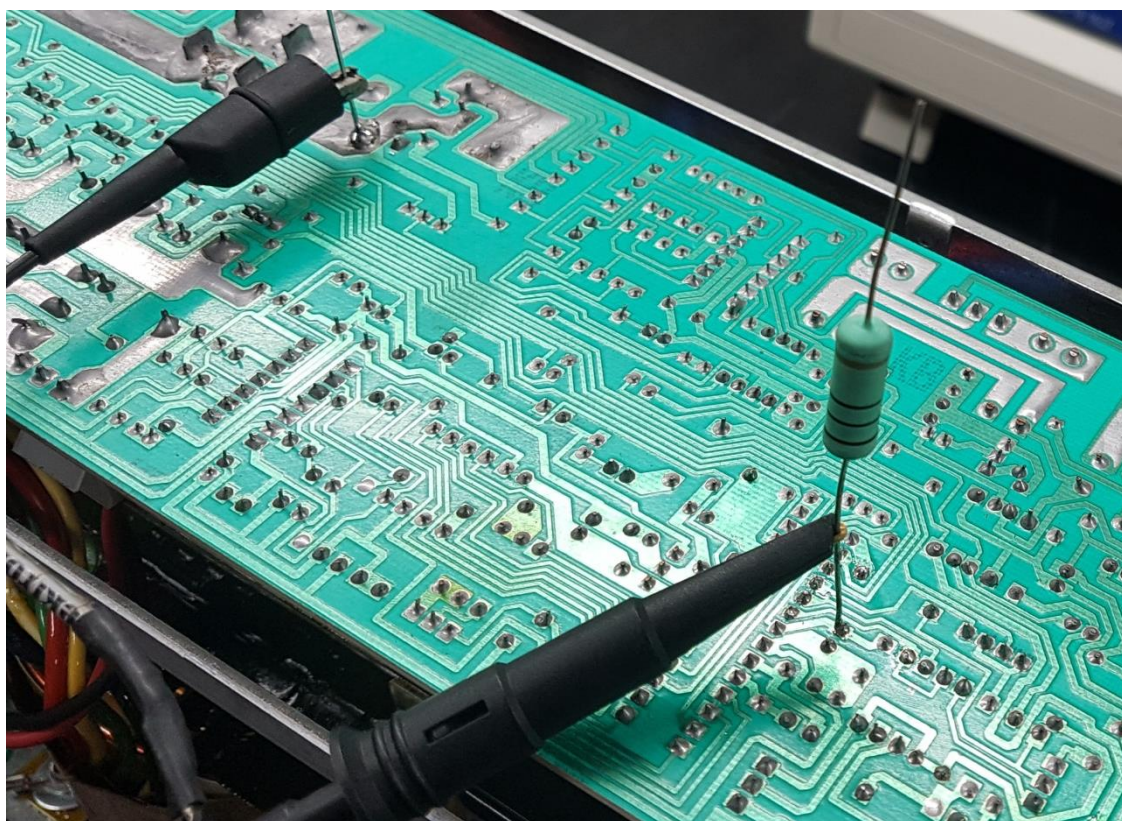
2.5. Medição no pino 5



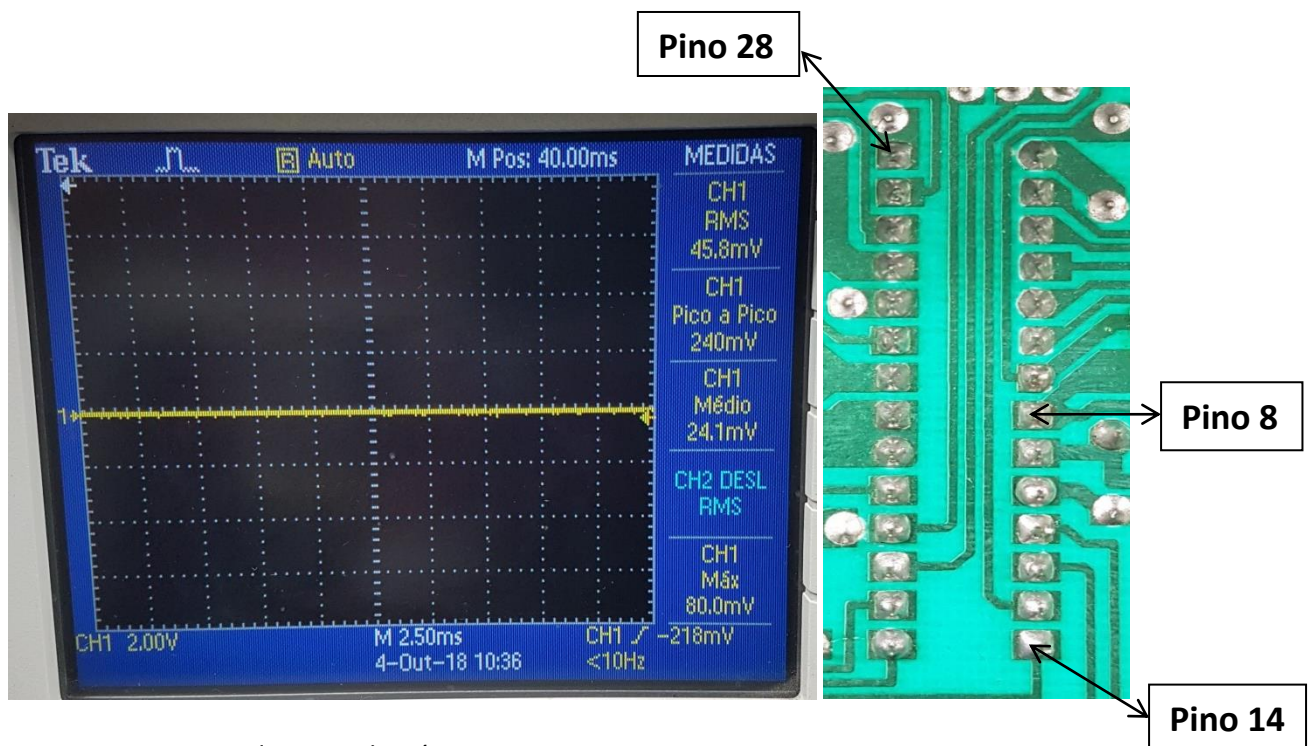
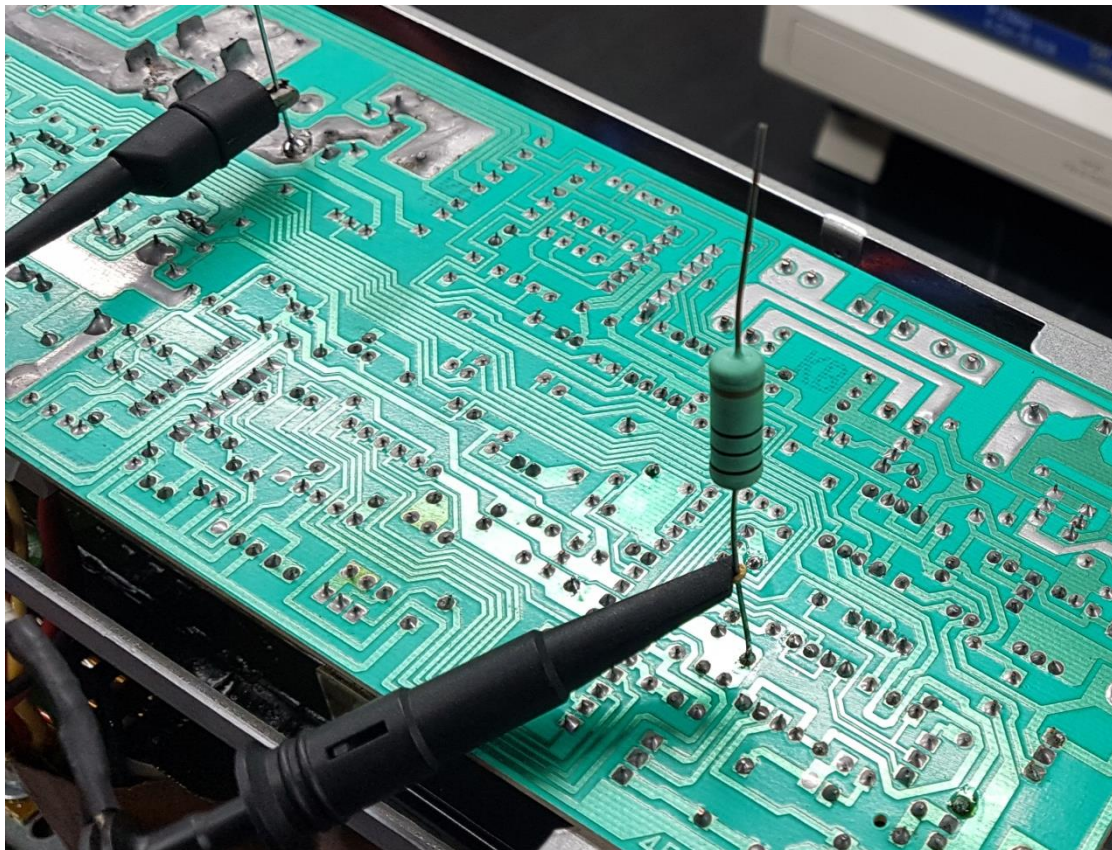
2.6. Medição no pino 6



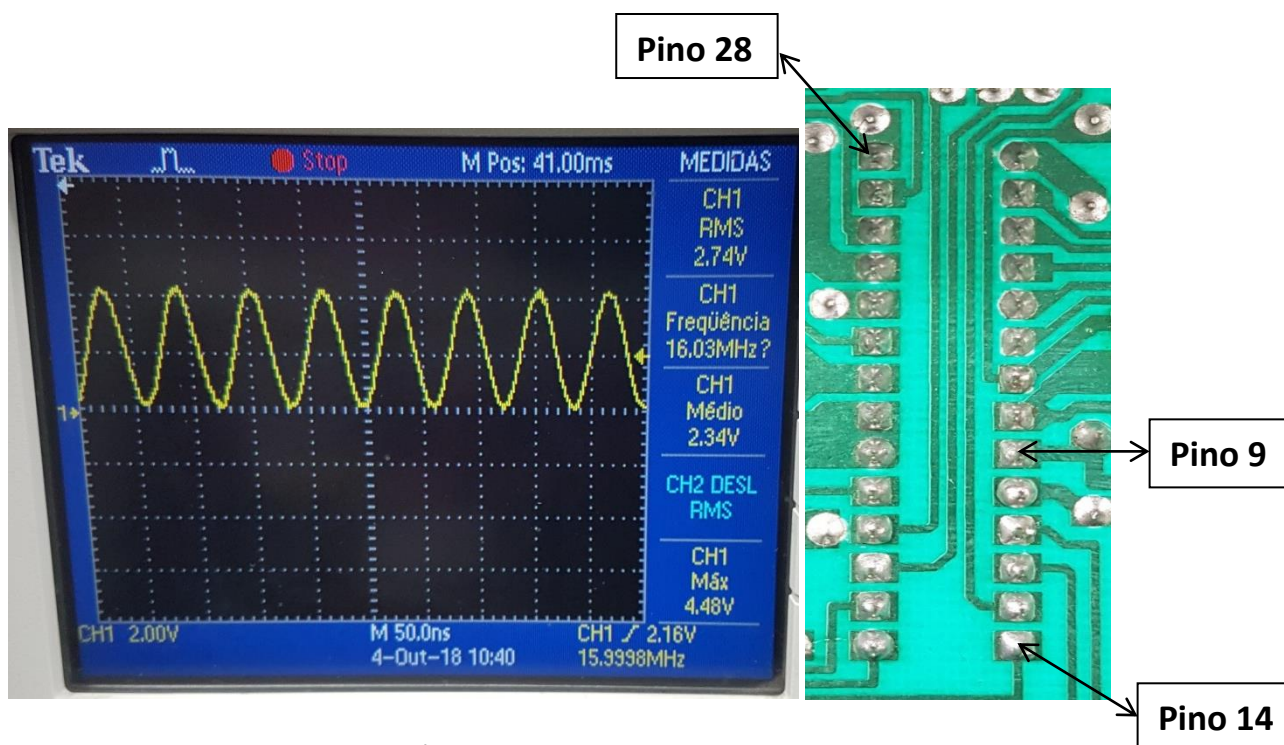
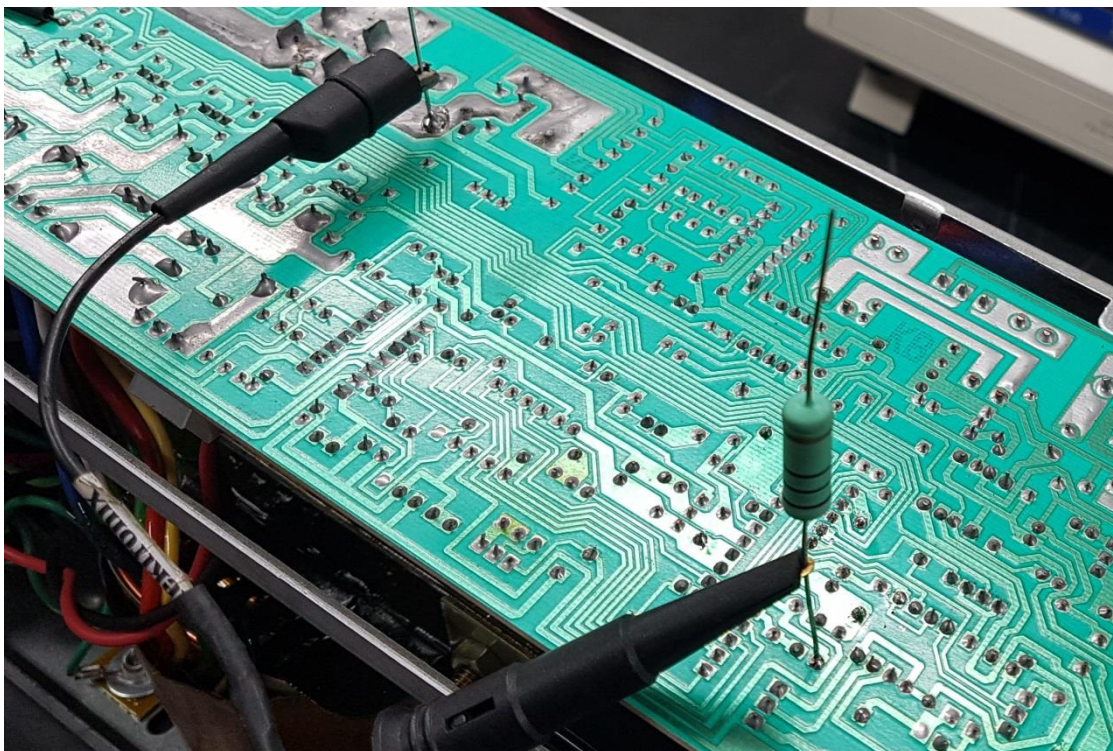
2.7. Medição no pino 7



2.8. Medição no pino 8

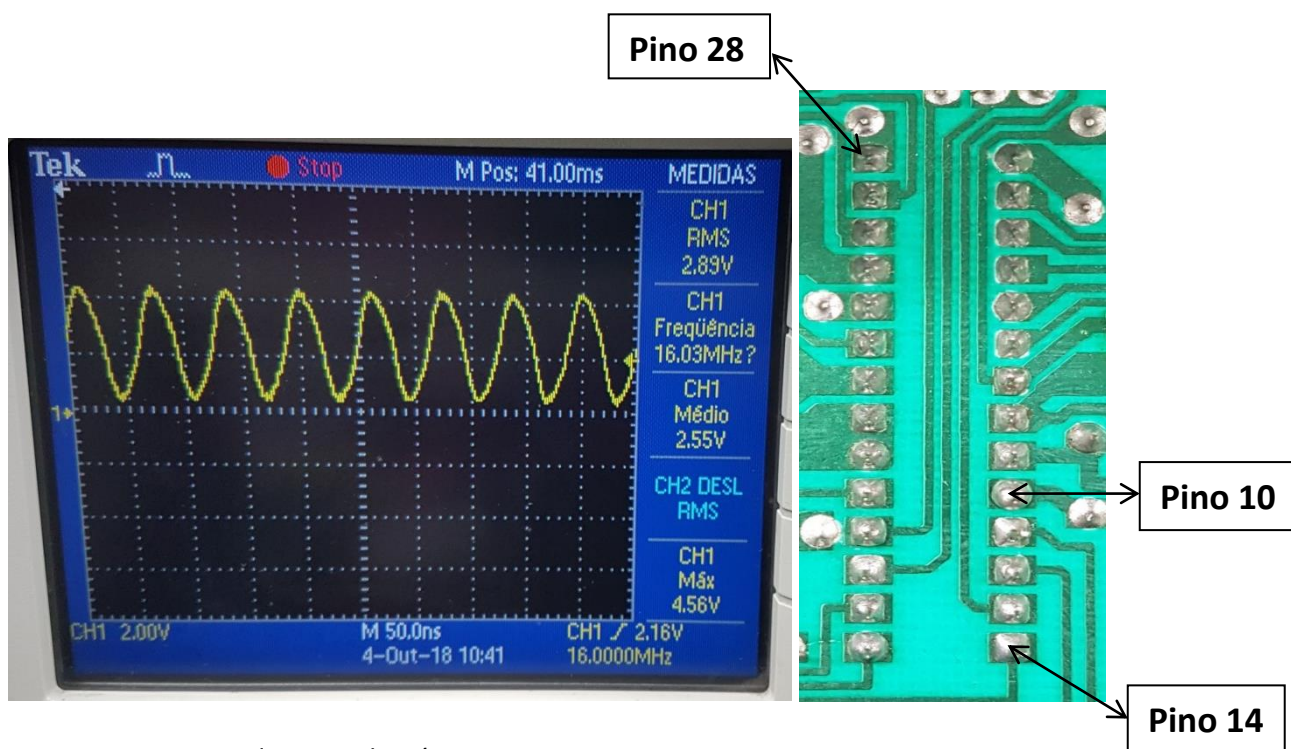
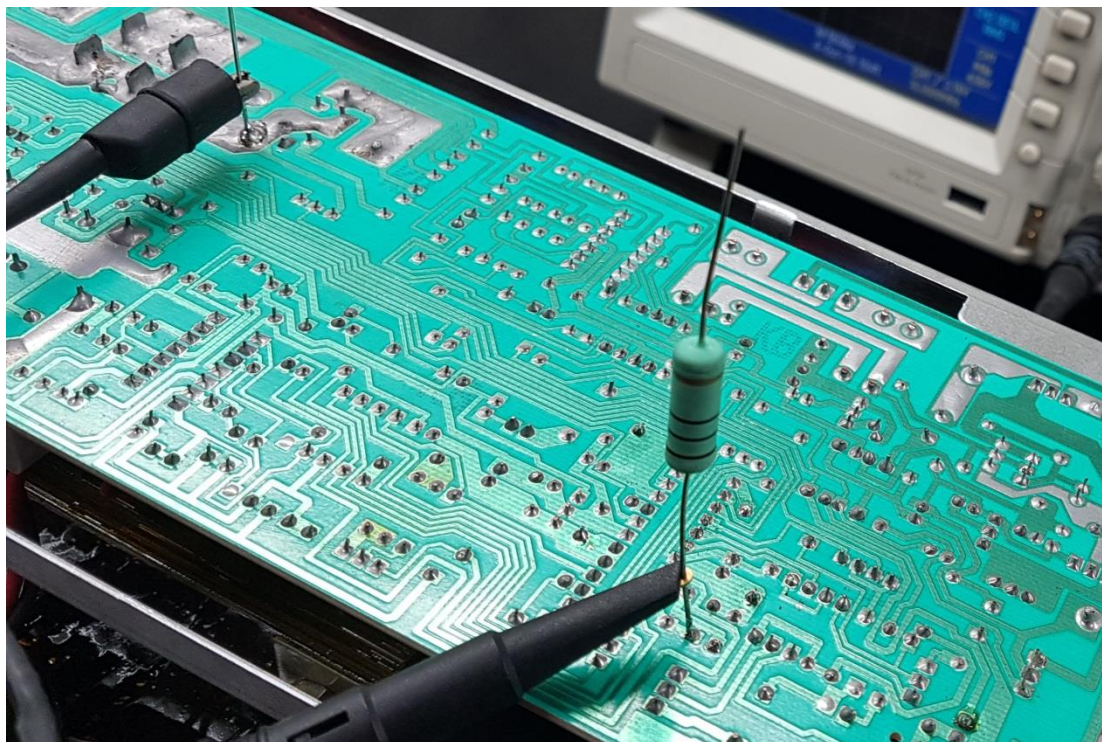


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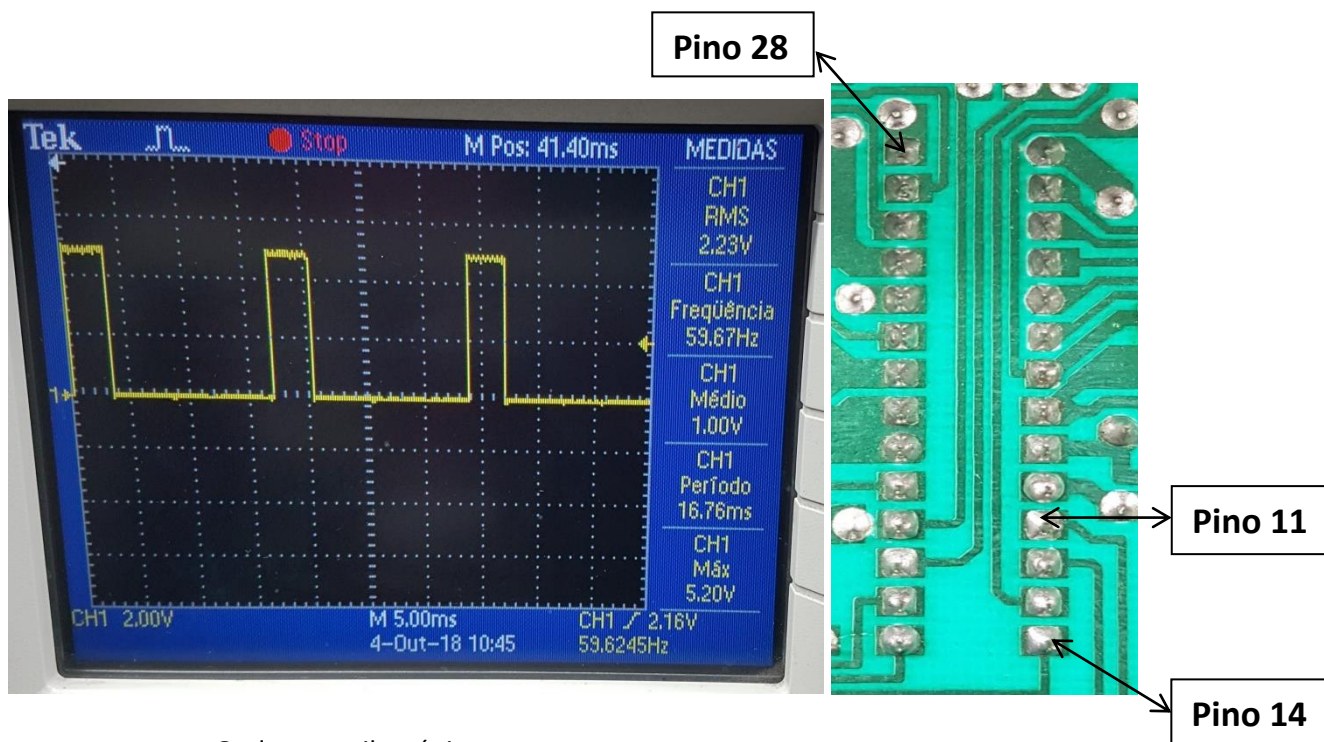
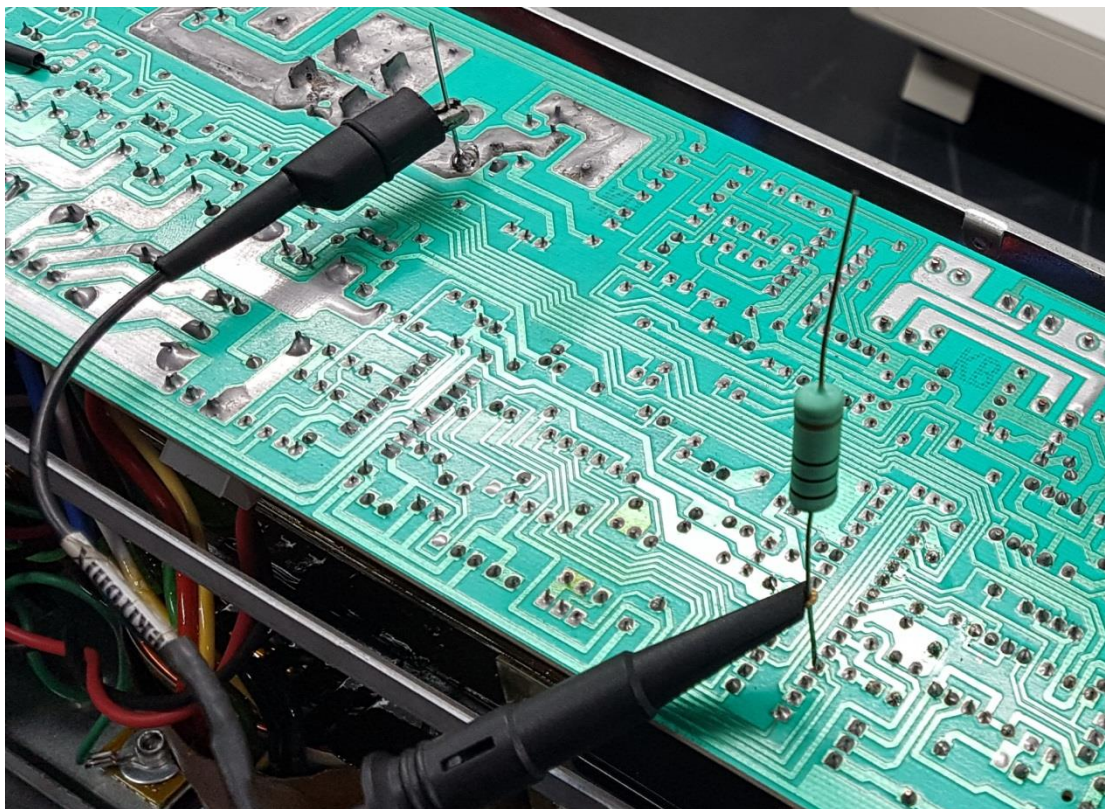
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2.10. Medição no pino 10

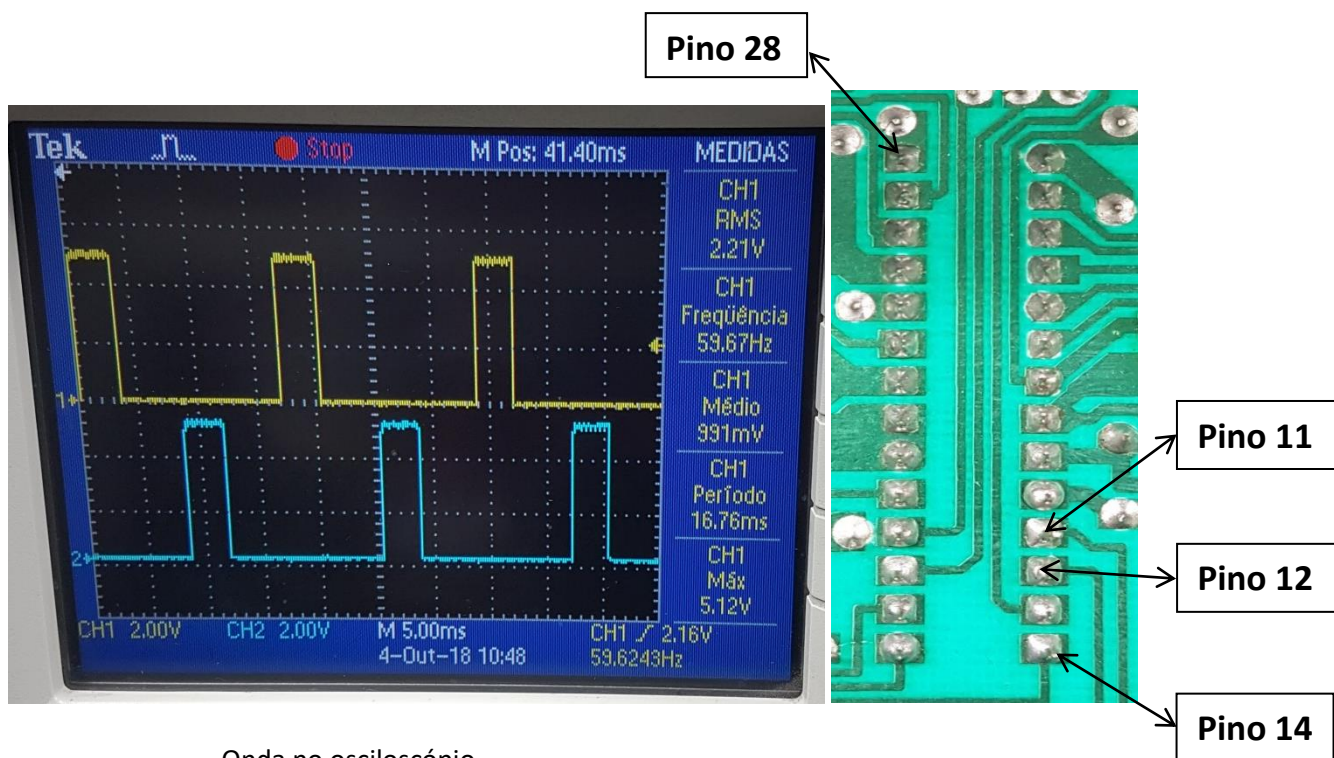
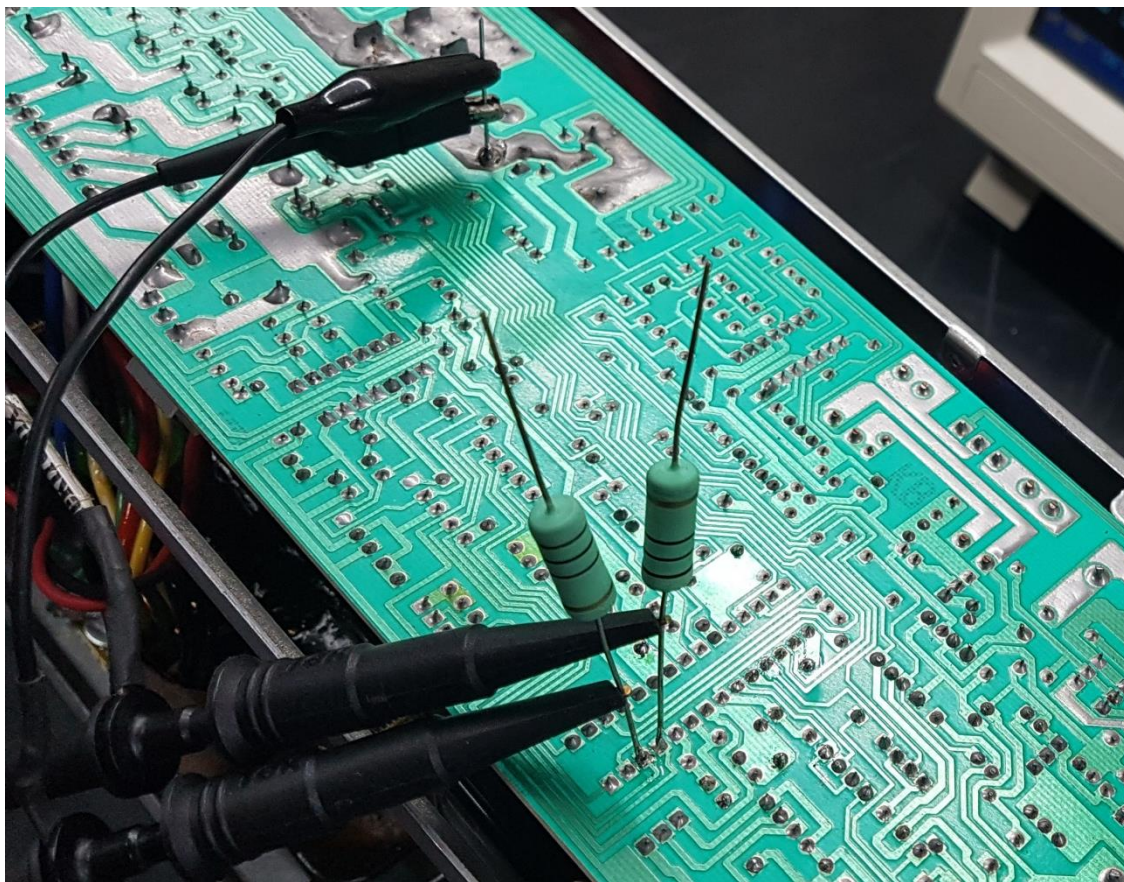


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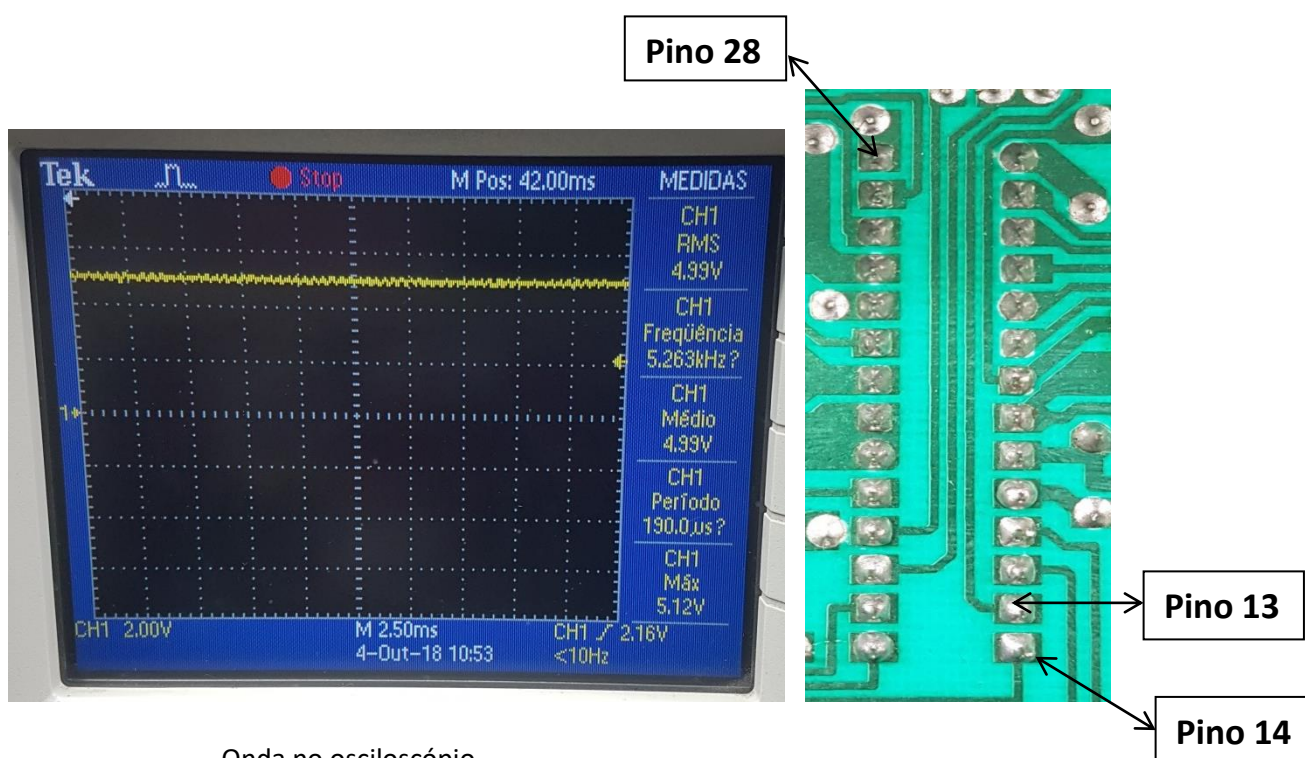
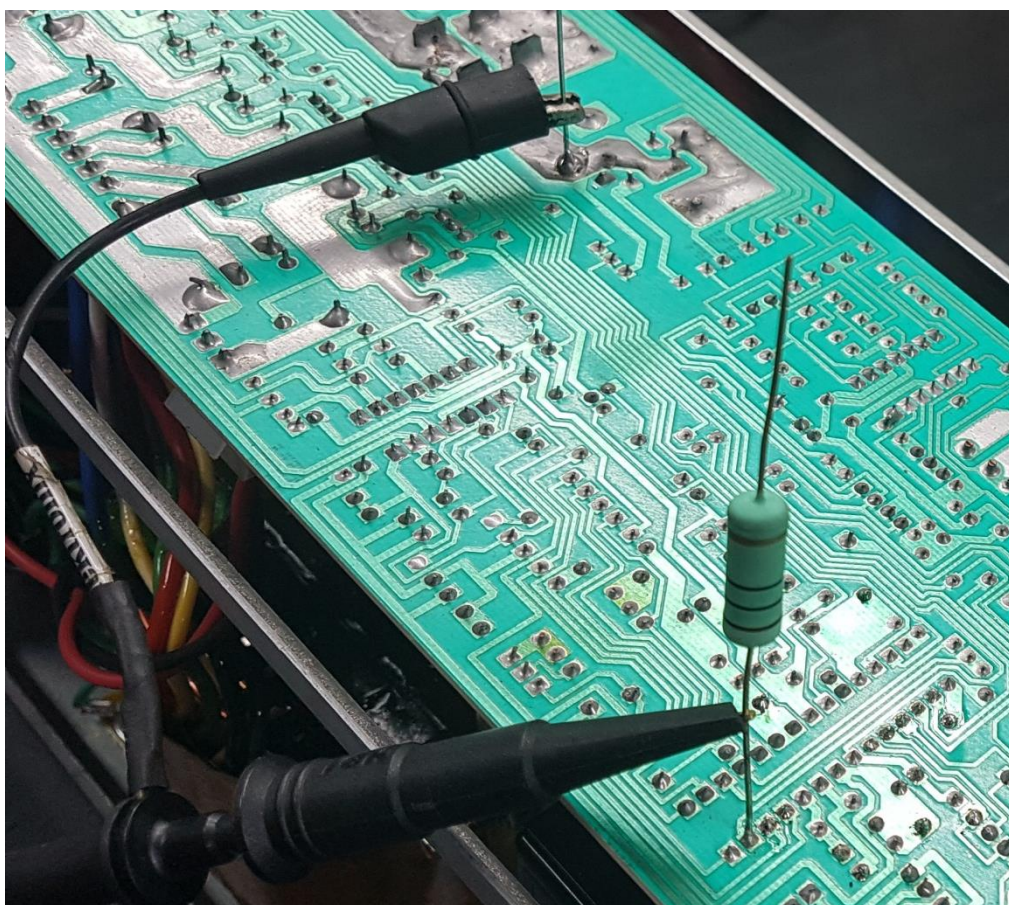
2.11. Medição no pino 11



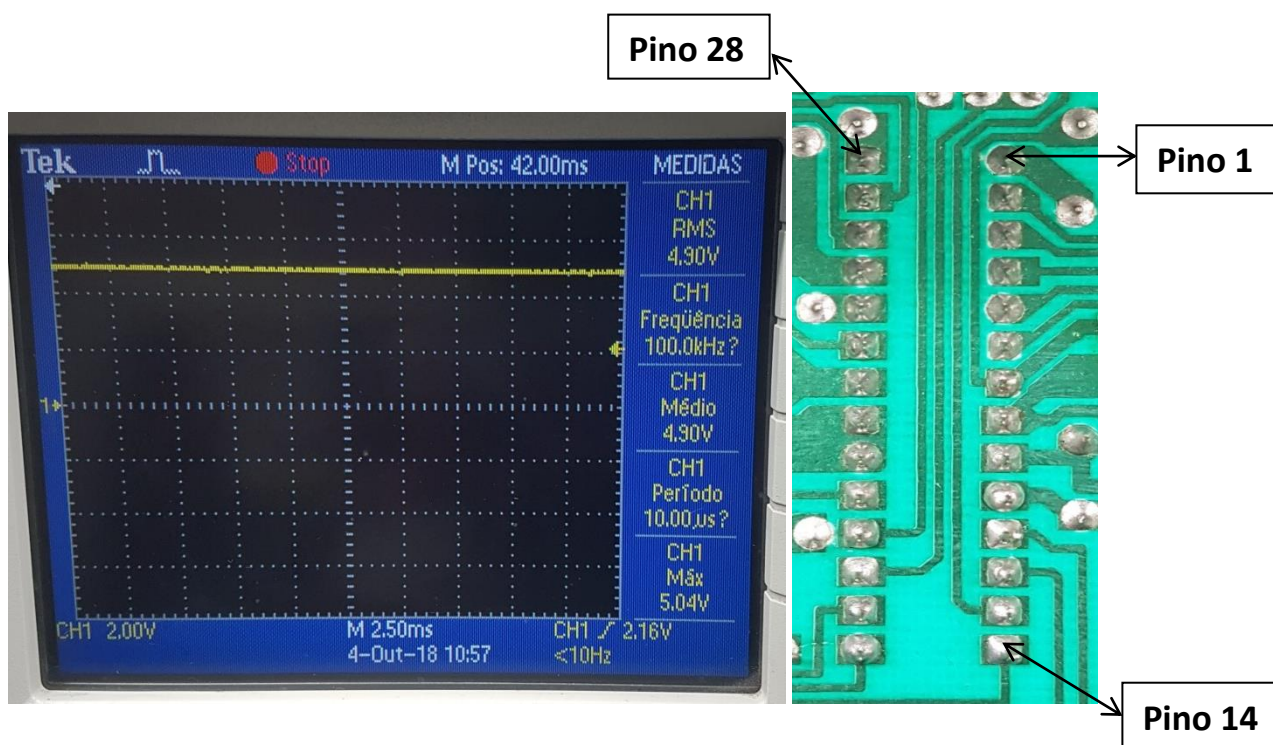
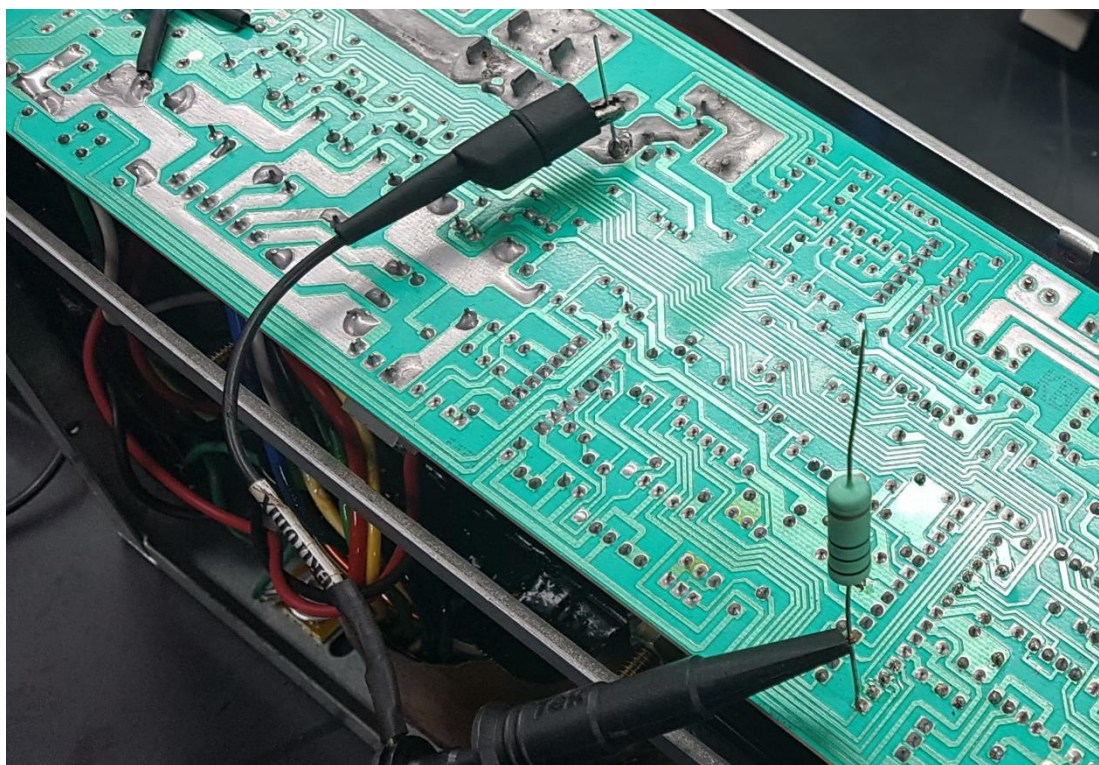
2.12. Medição nos pinos 11 e 12 simultaneamente



2.13. Medição no pino 13

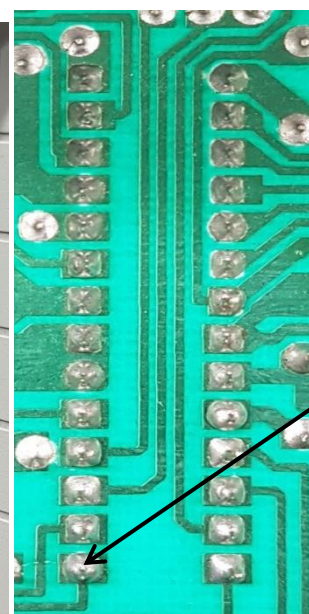
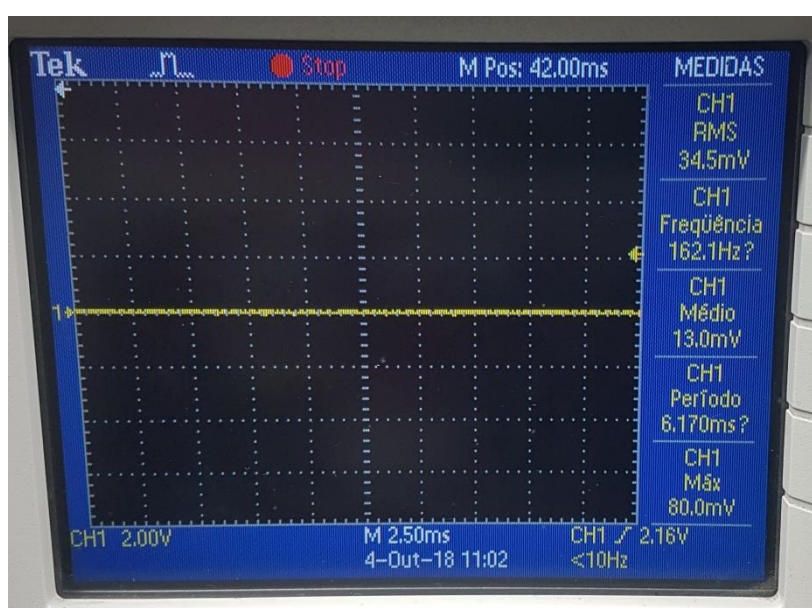
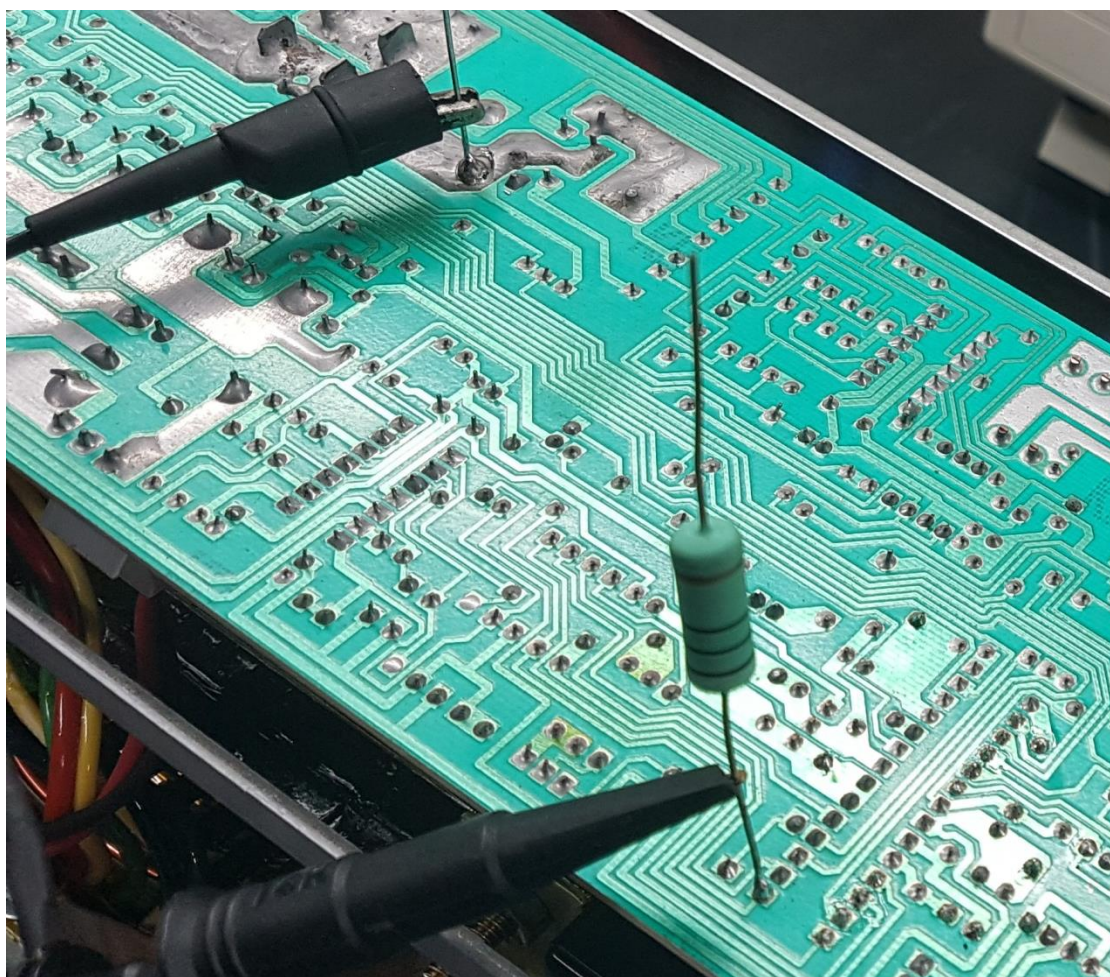


2.14. Medição no pino 14



Onda no osciloscópio

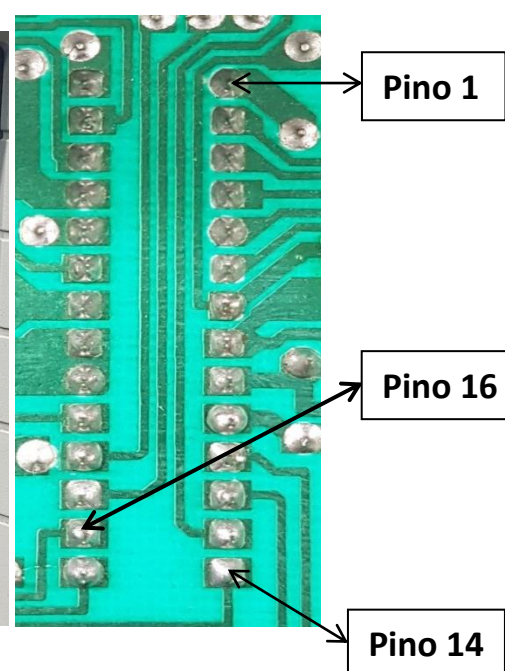
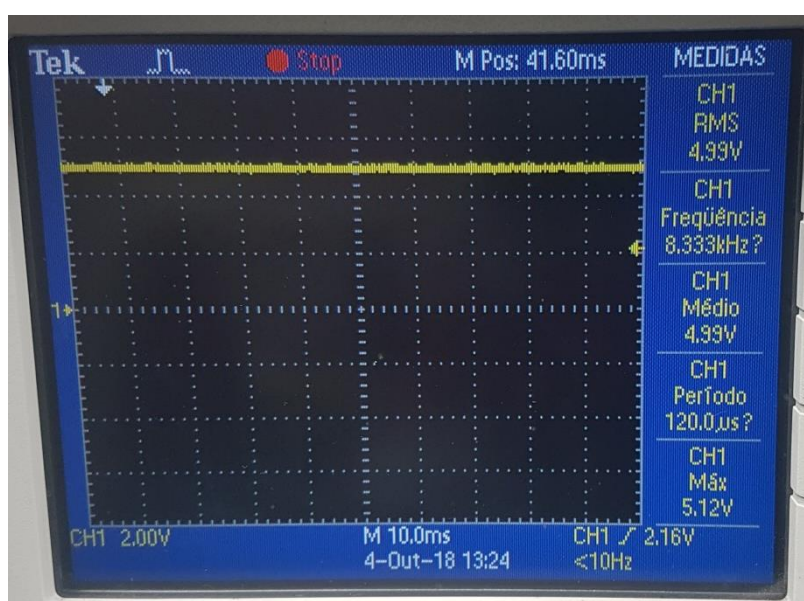
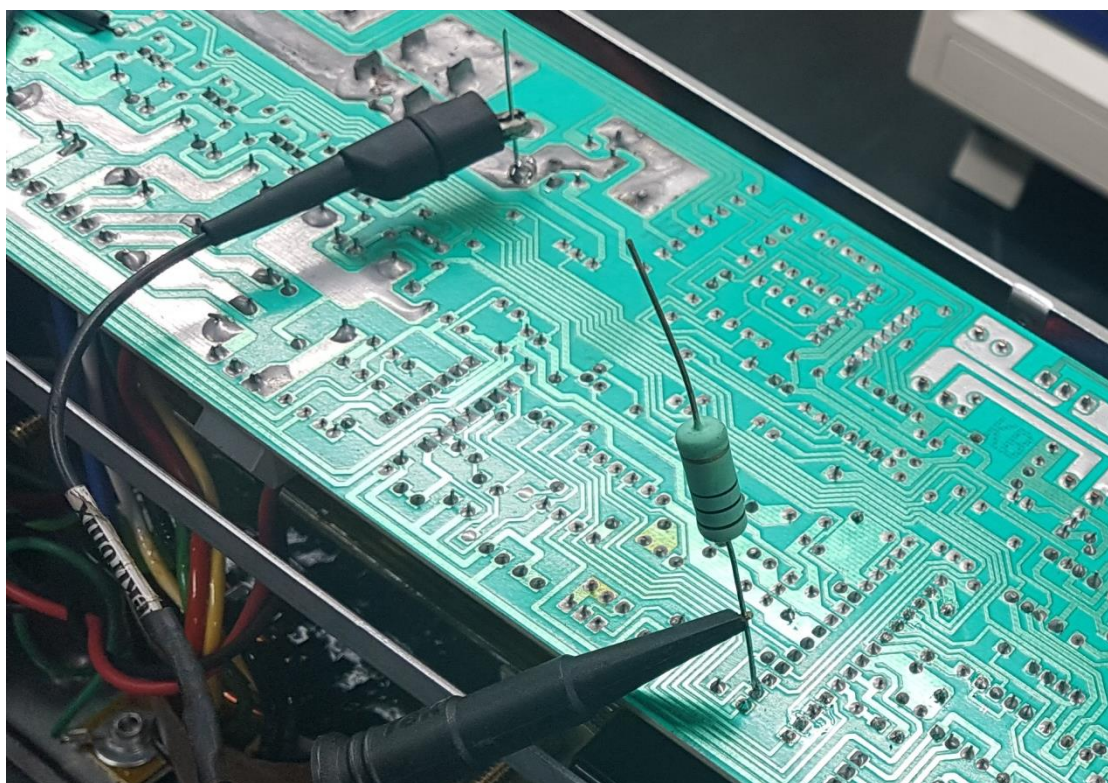
2.15. Medição no pino 15



Pino 15

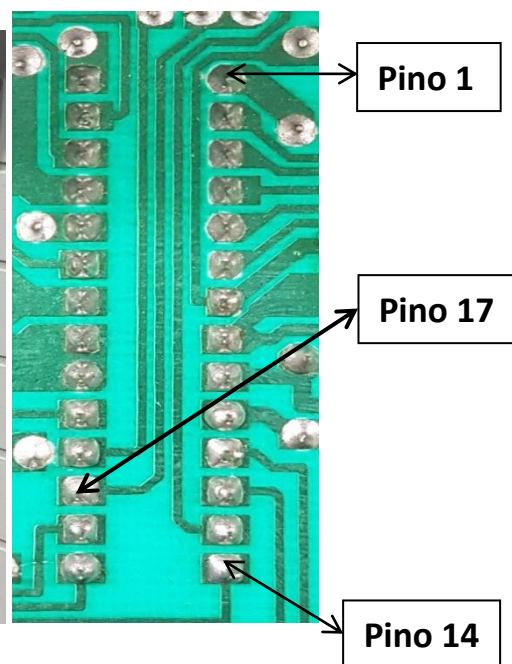
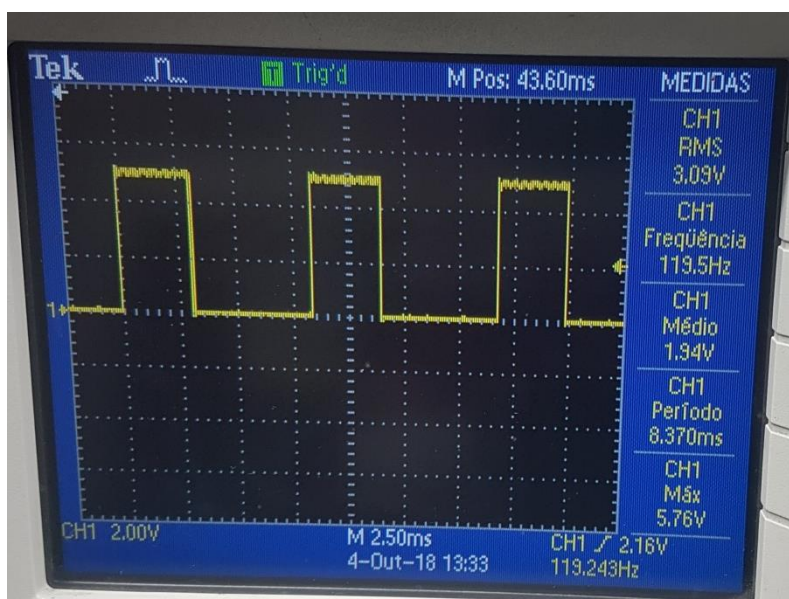
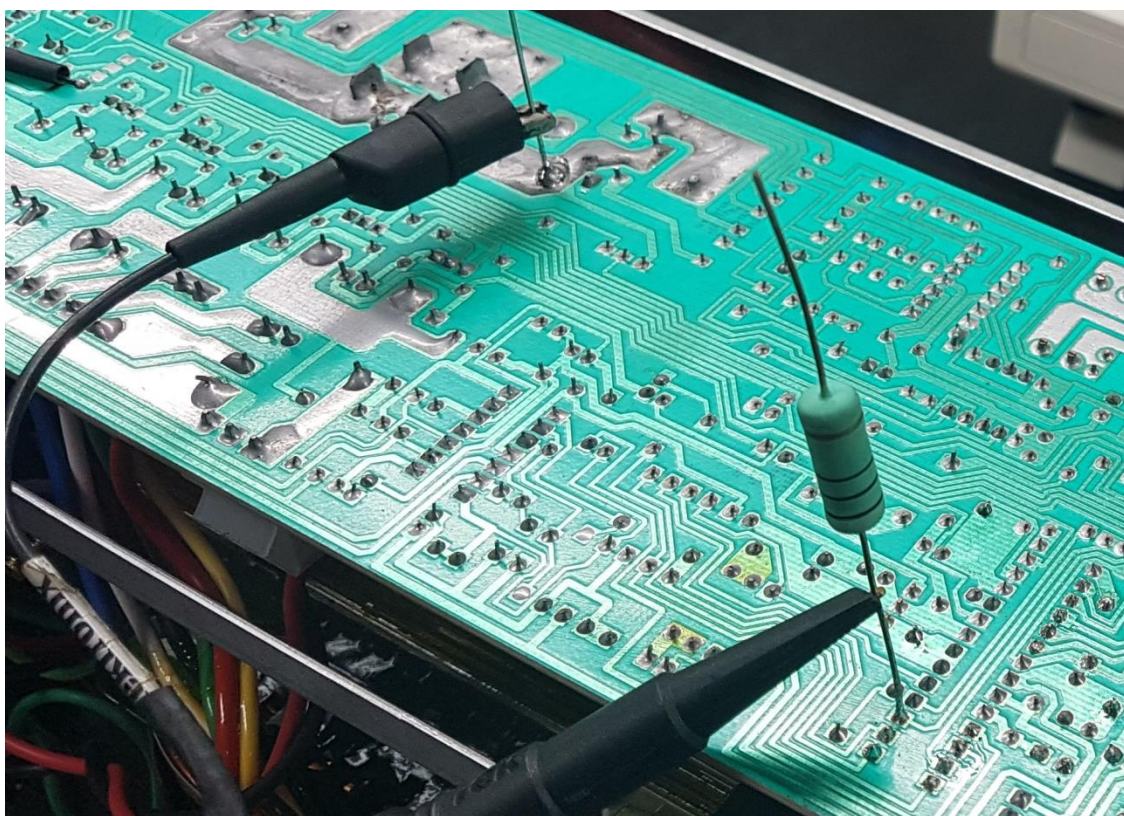
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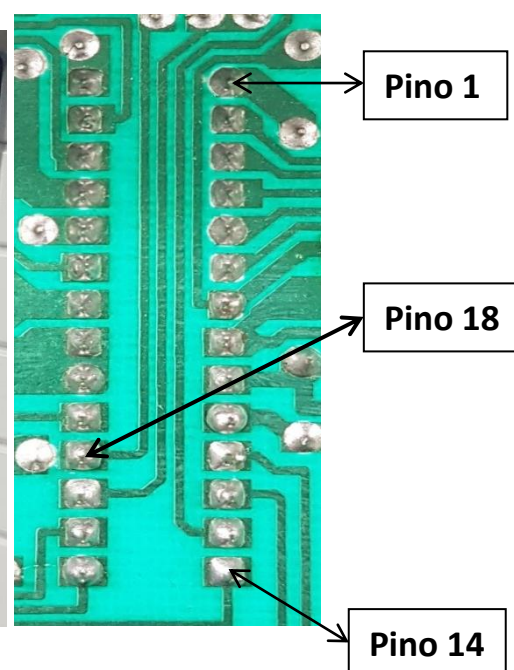
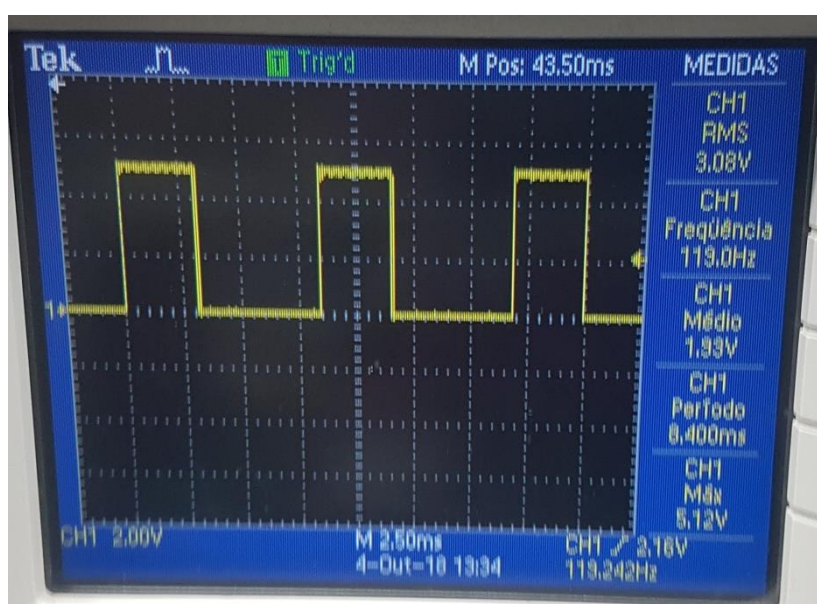
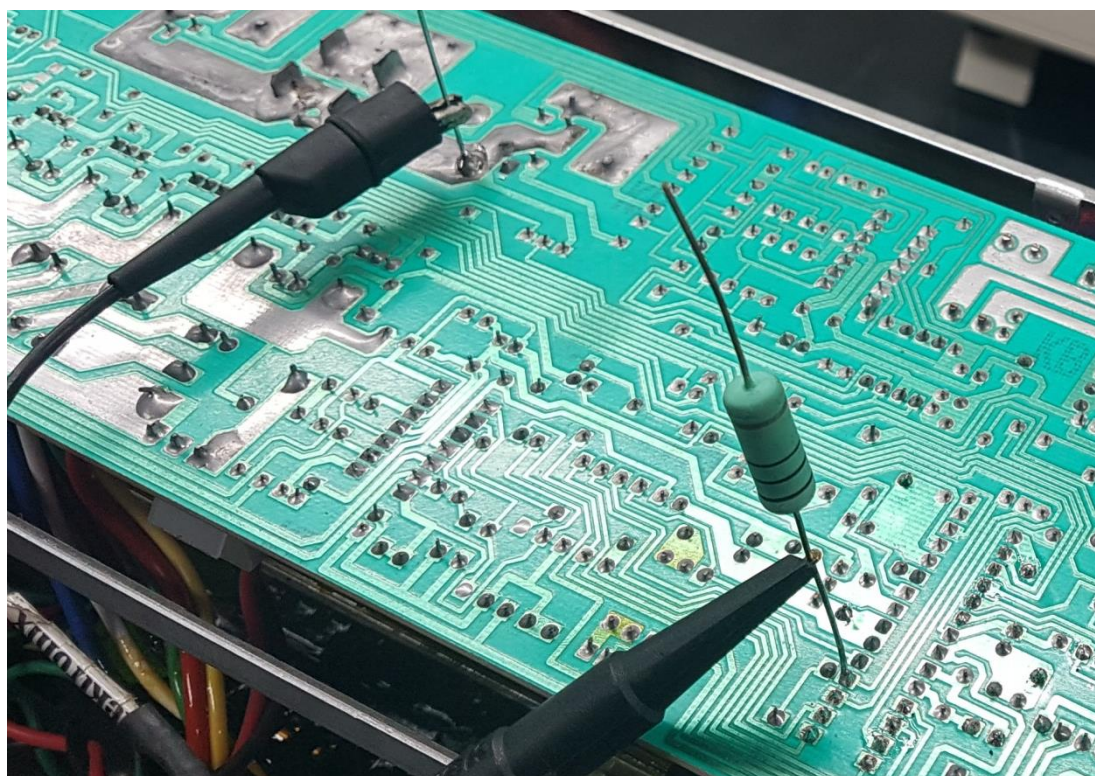
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2.17. Medição no pino 17



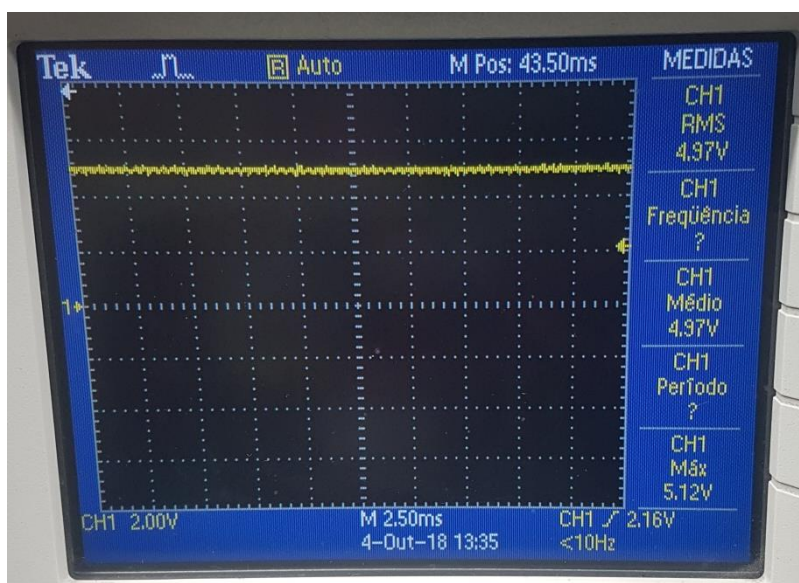
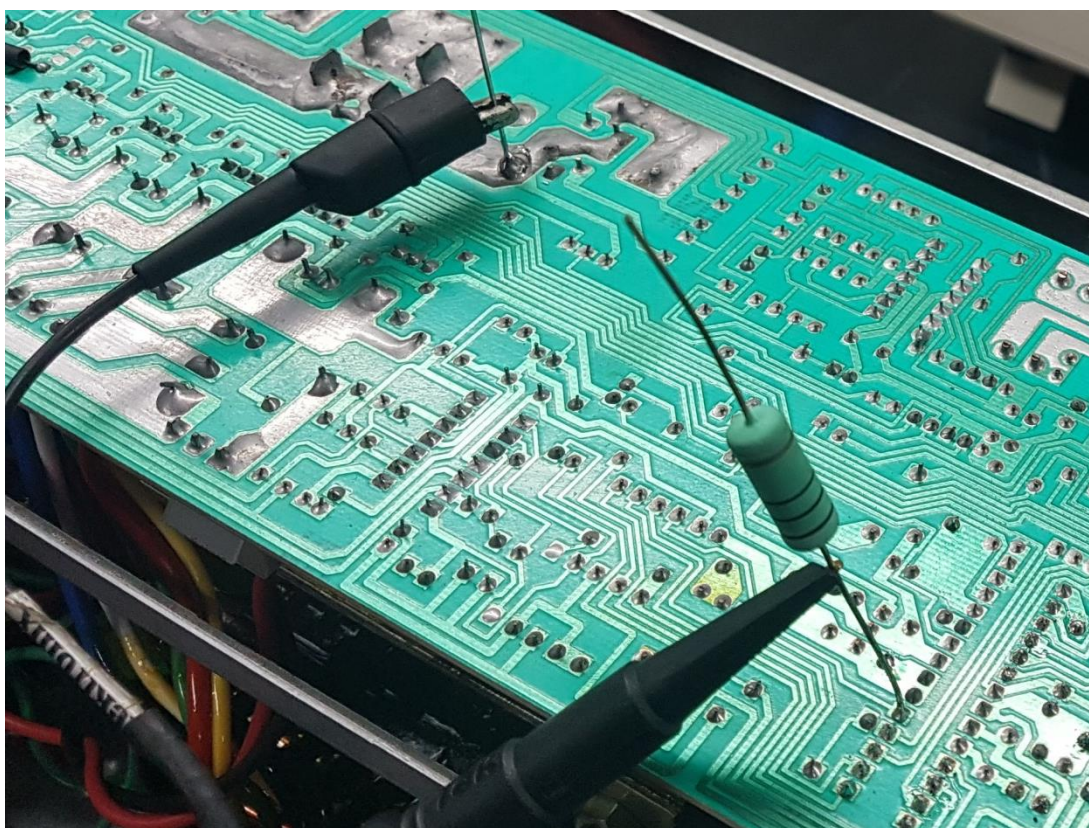
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2.18. Medição no pino 18

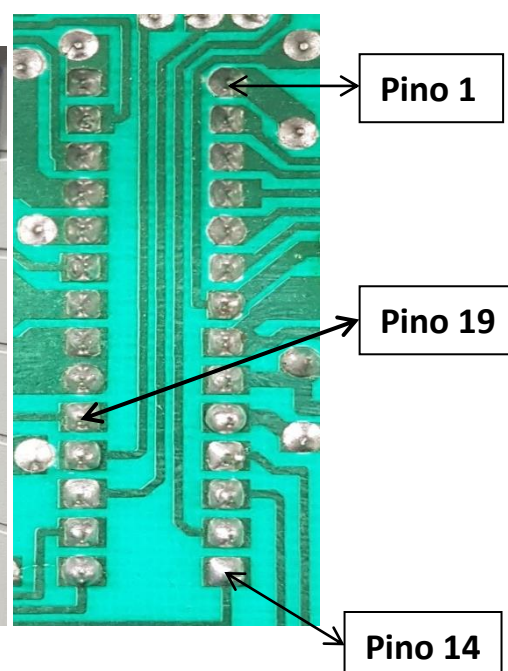


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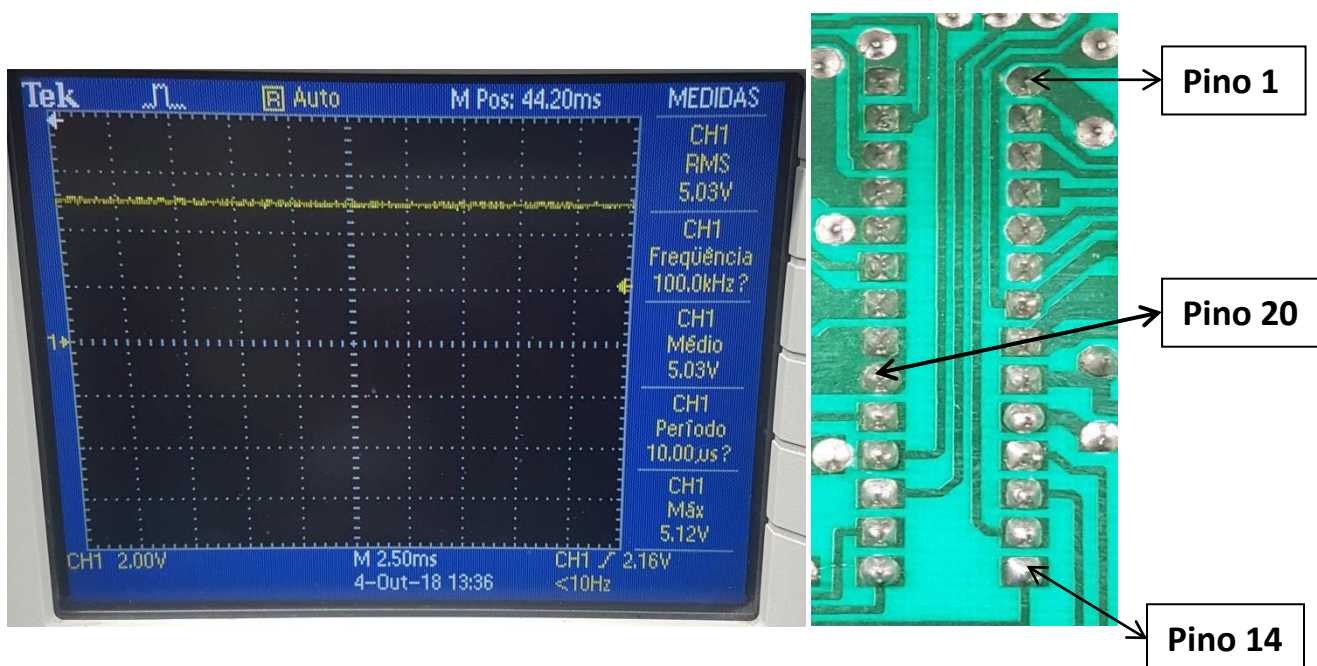
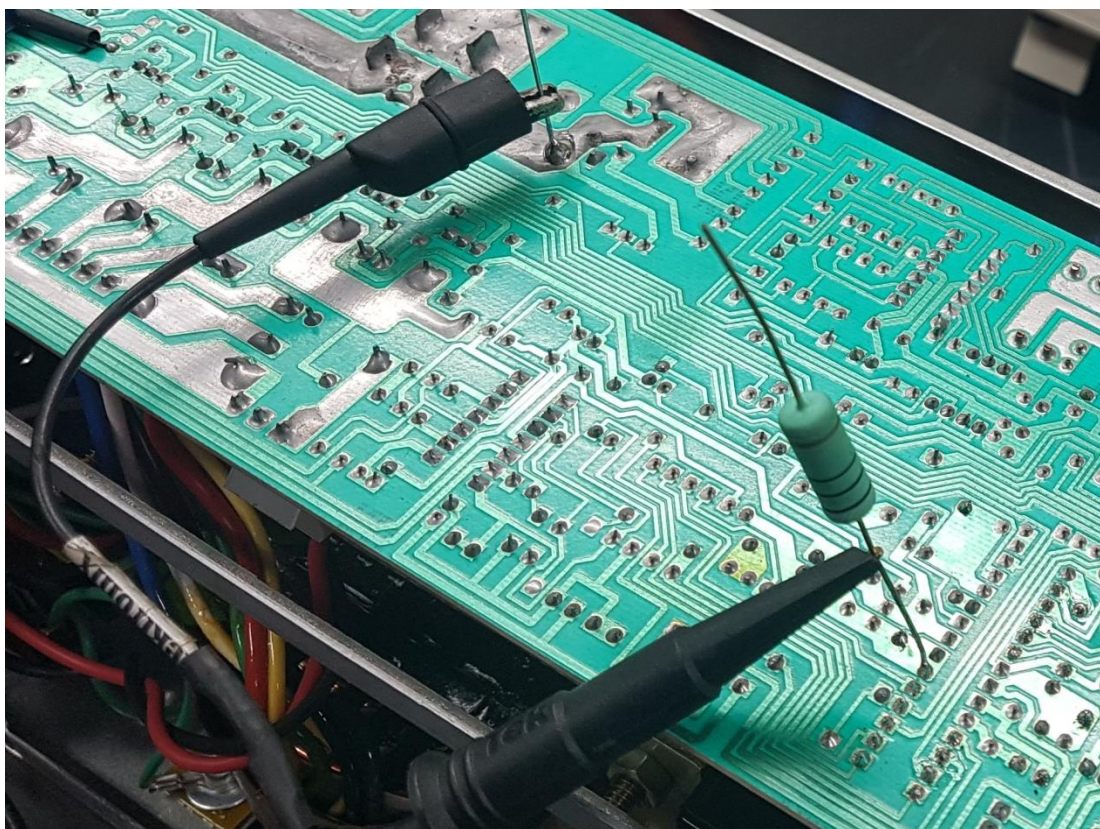
2.19. Medição no pino 19



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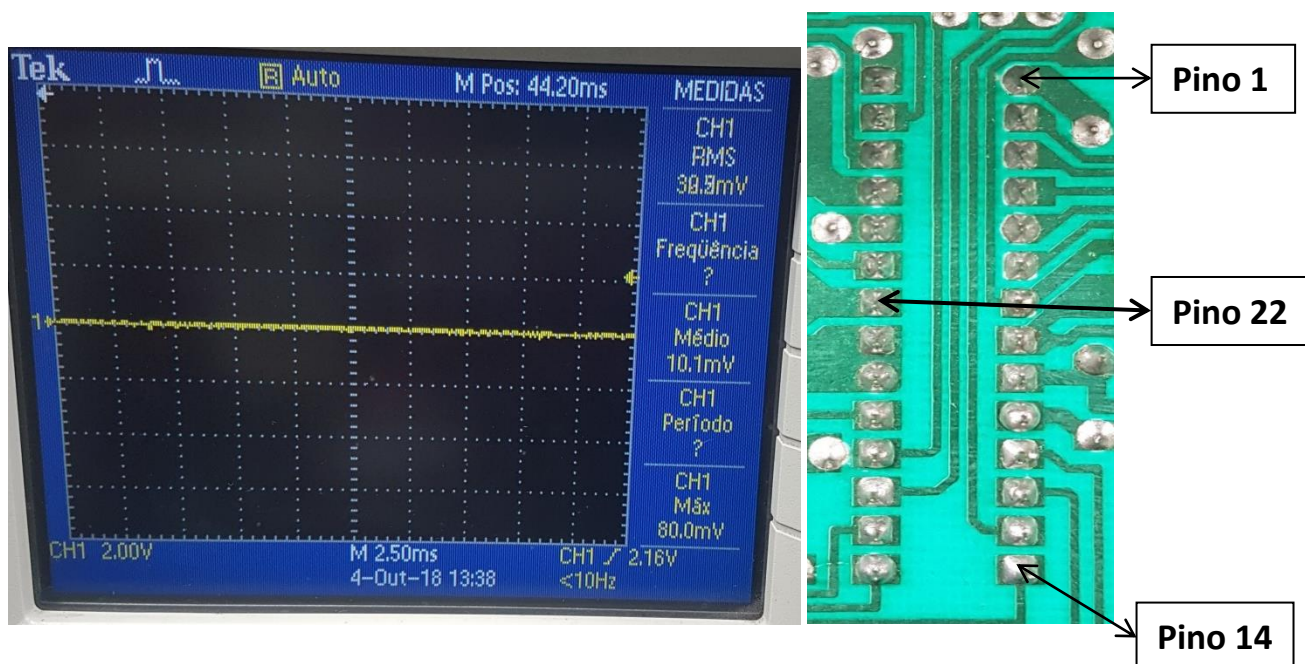
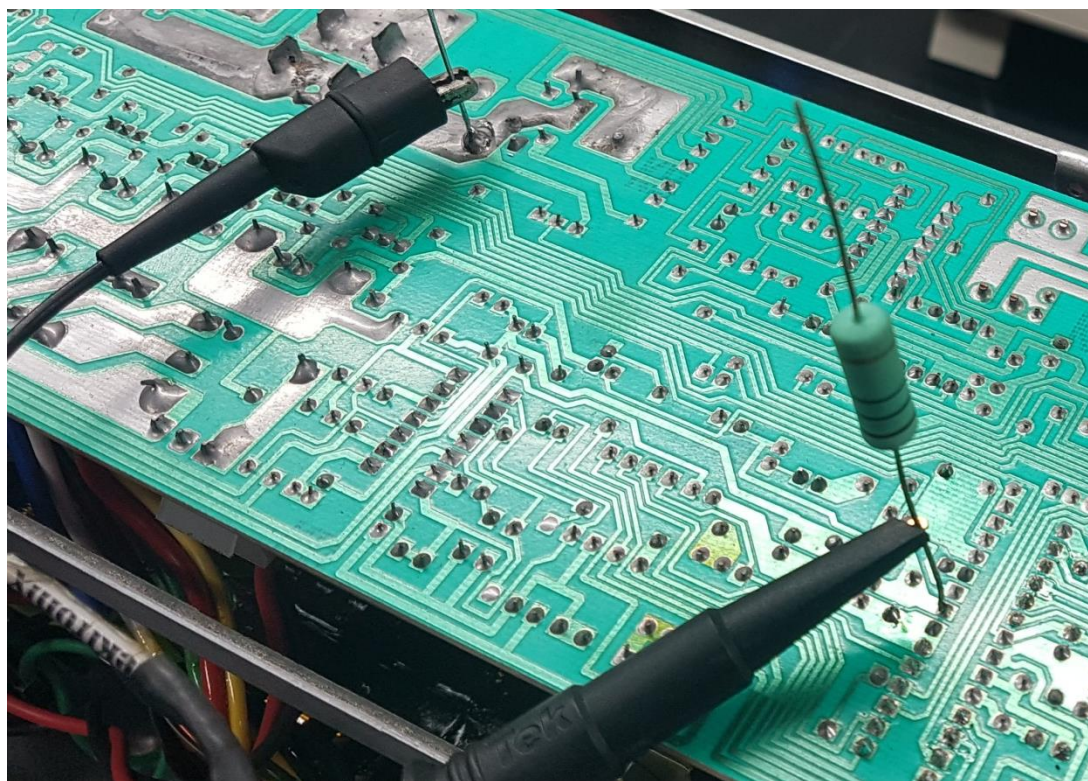


2.20. Medição nos pinos 20 e 21



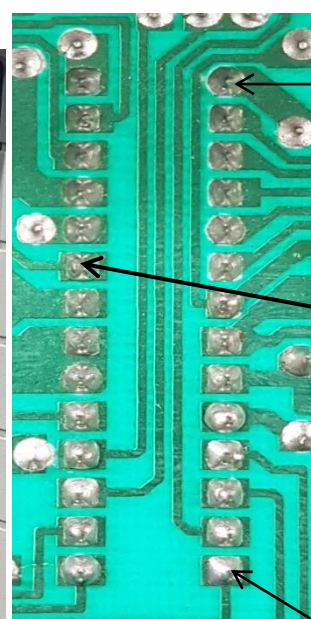
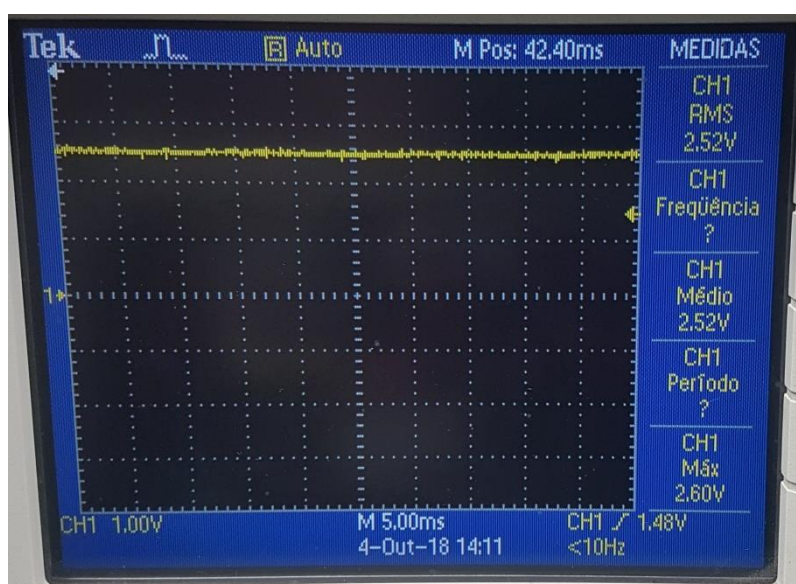
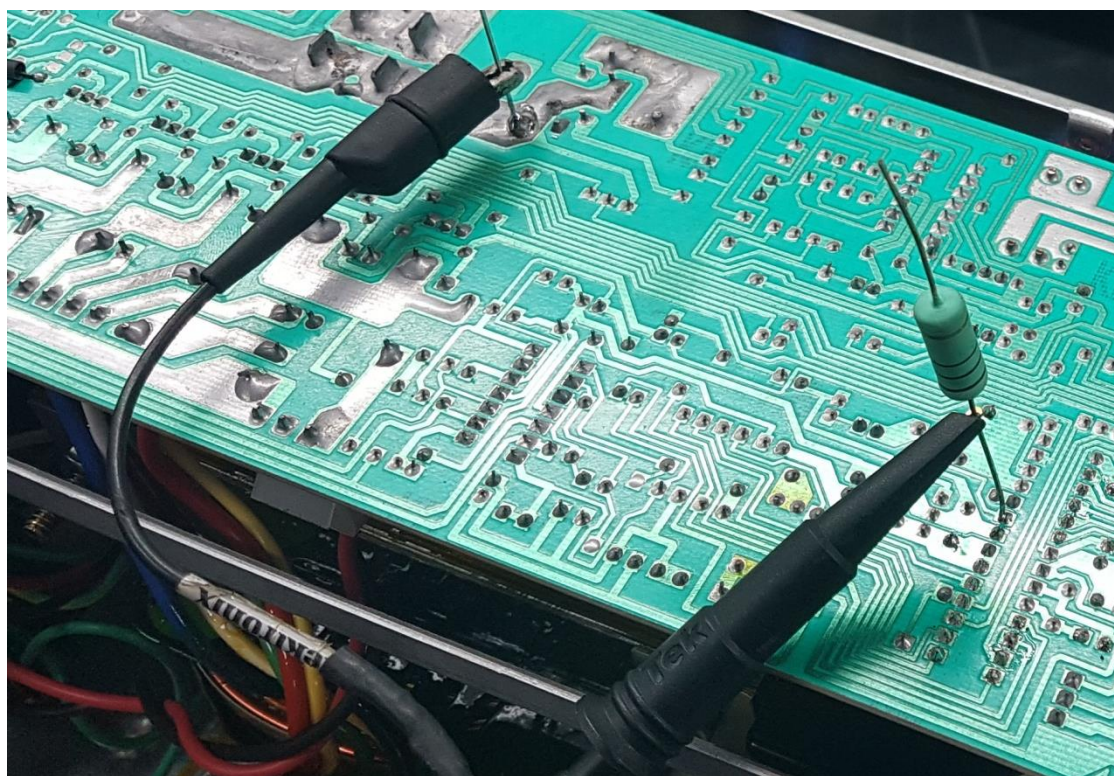
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2.21. Medição no pino 22



Onda no osciloscópio

2.22.Medição no pino 23



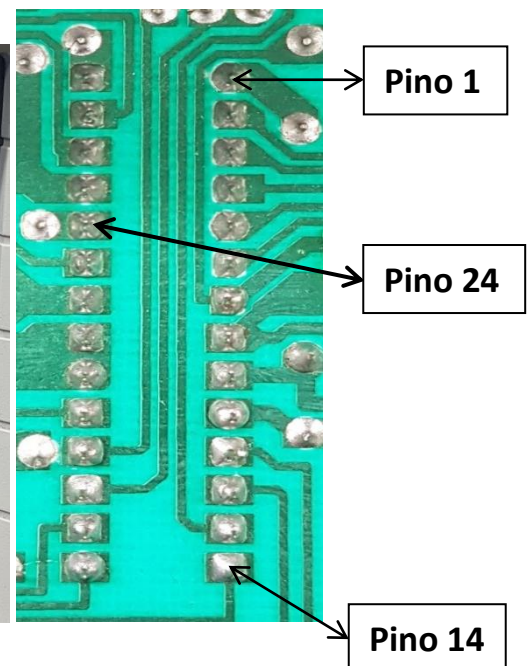
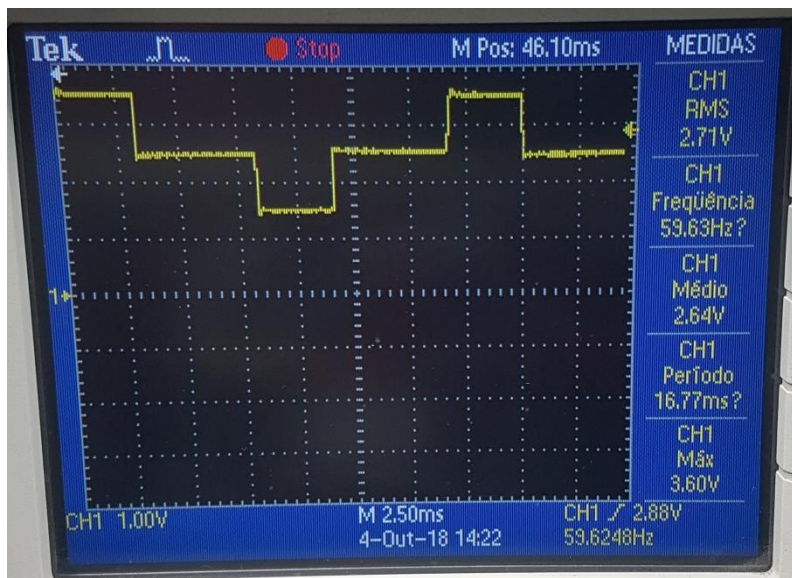
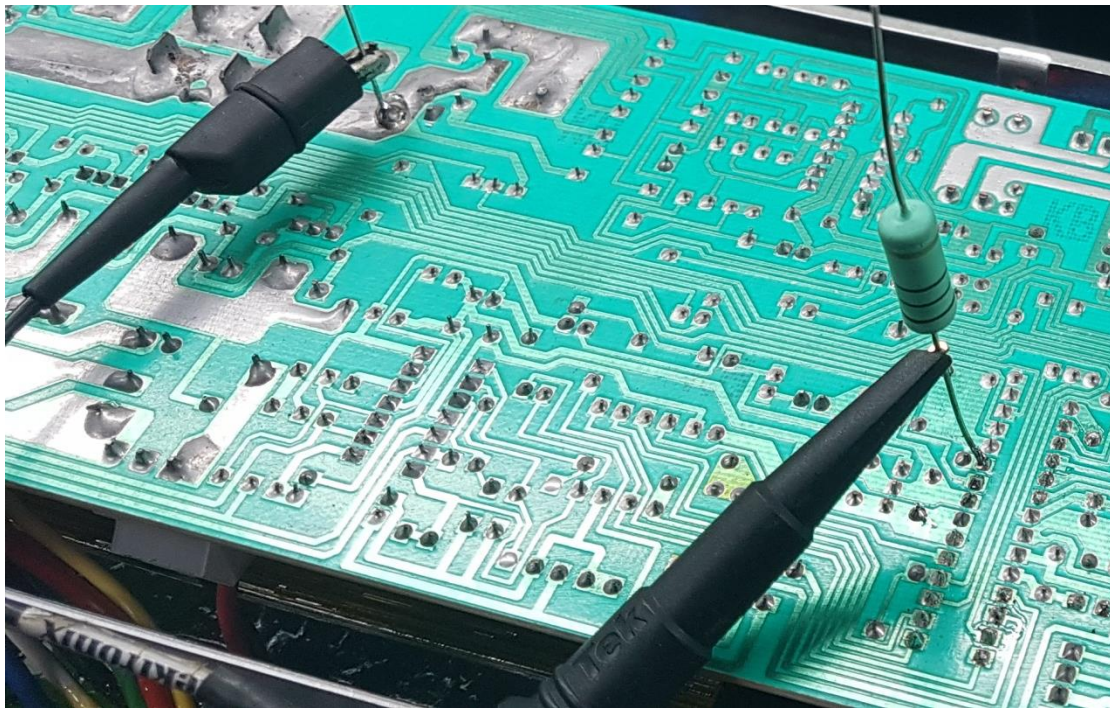
Pino 1

Pino 23

Pino 14

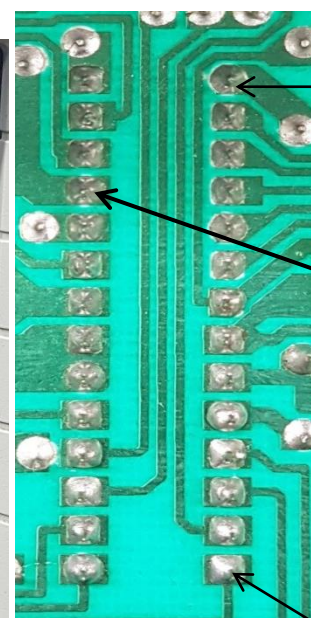
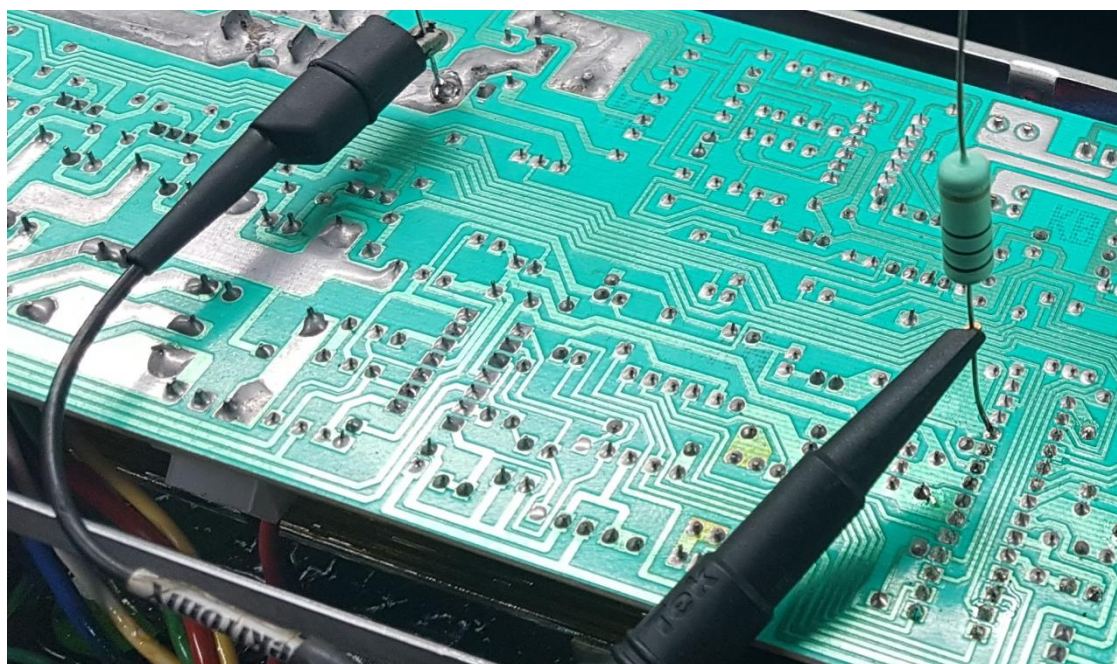
Onda no osciloscópio

2.23. Medição no pino 24



Onda no osciloscópio

2.24. Medição no pino 25



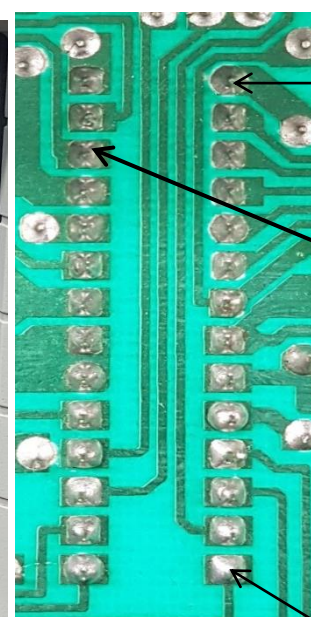
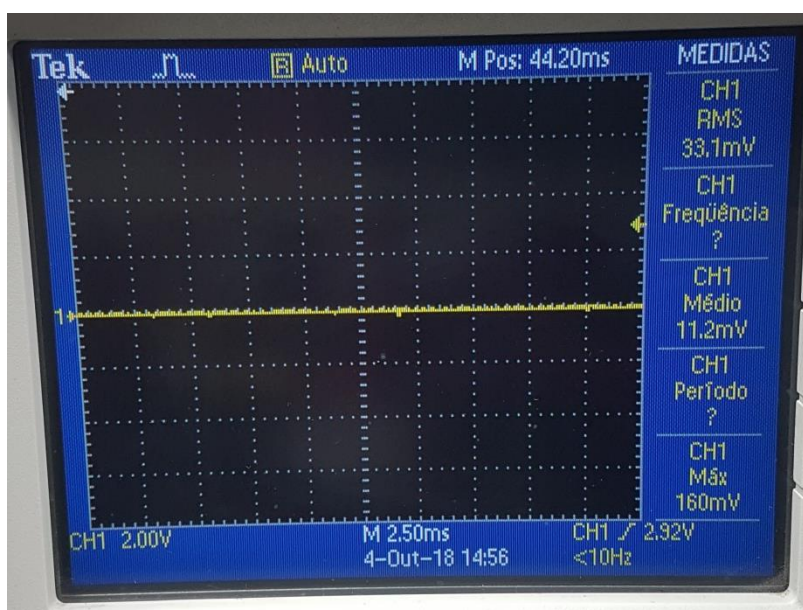
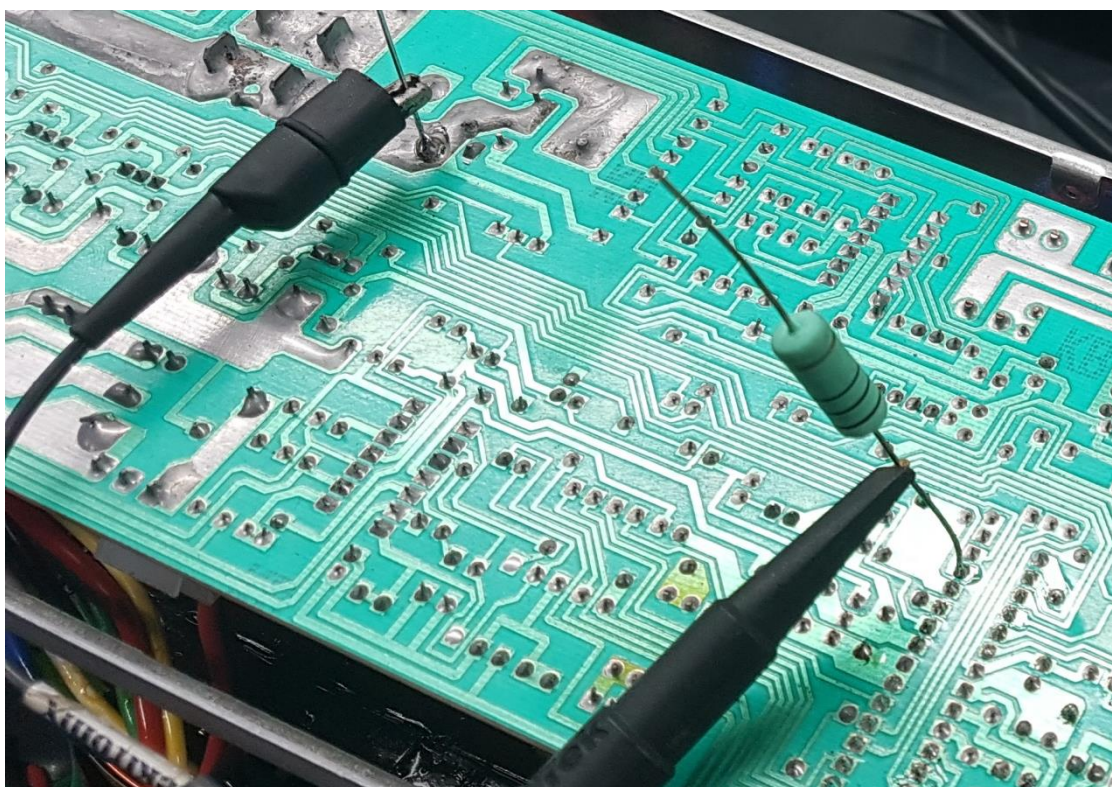
Pino 1

Pino 25

Pino 14

Onda no osciloscópio

2.25. Medição no pino 26



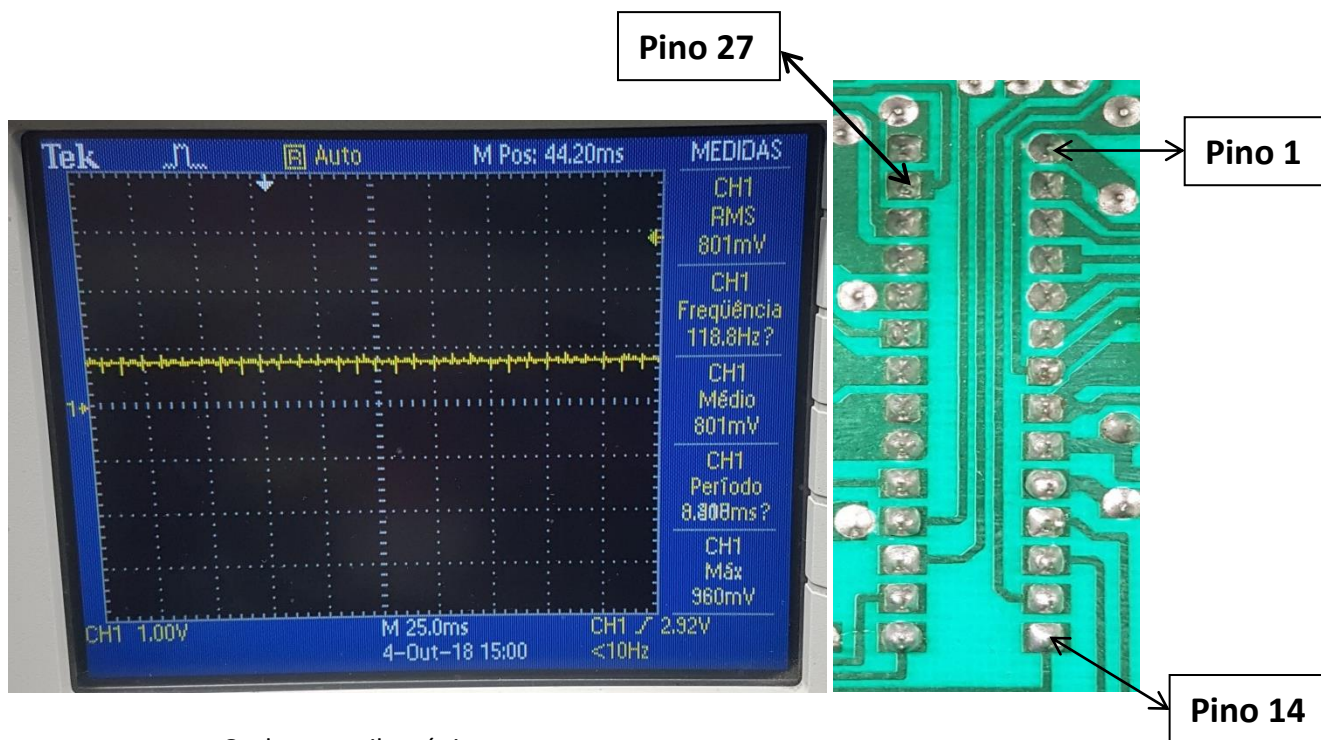
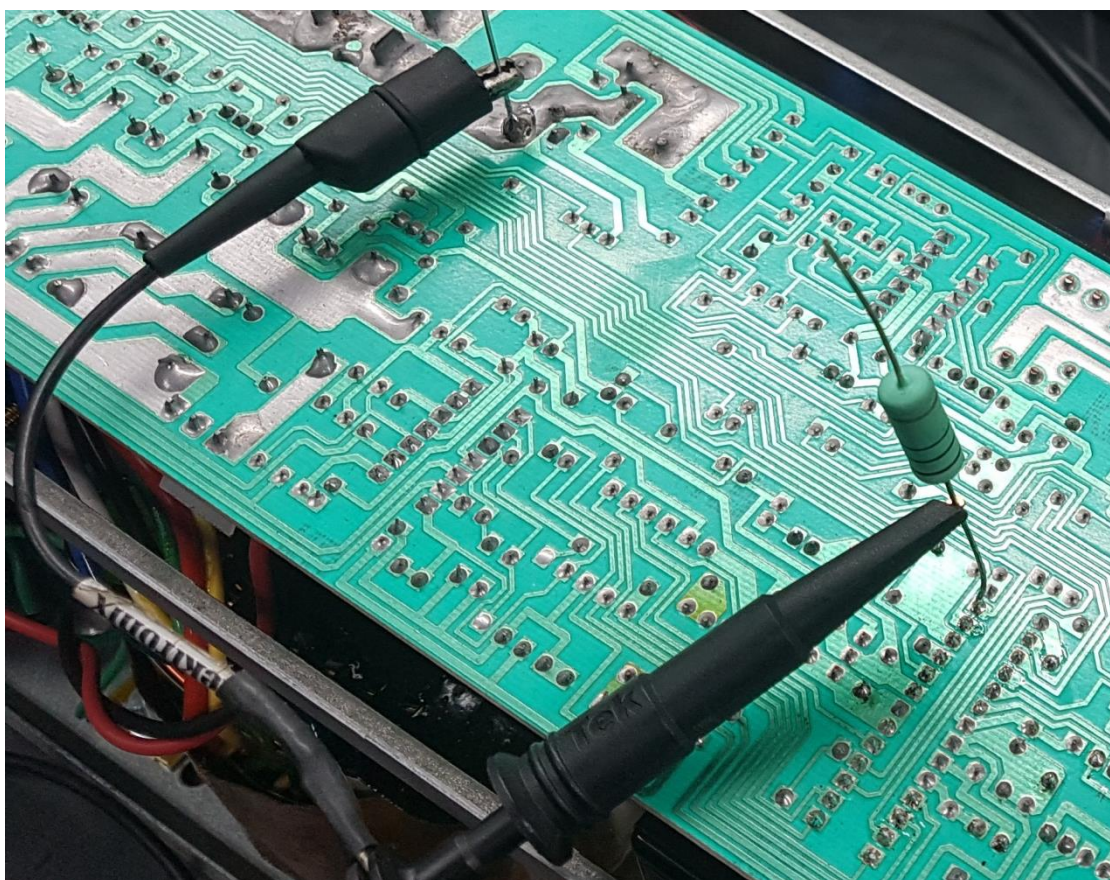
Pino 1

Pino 26

Pino 14

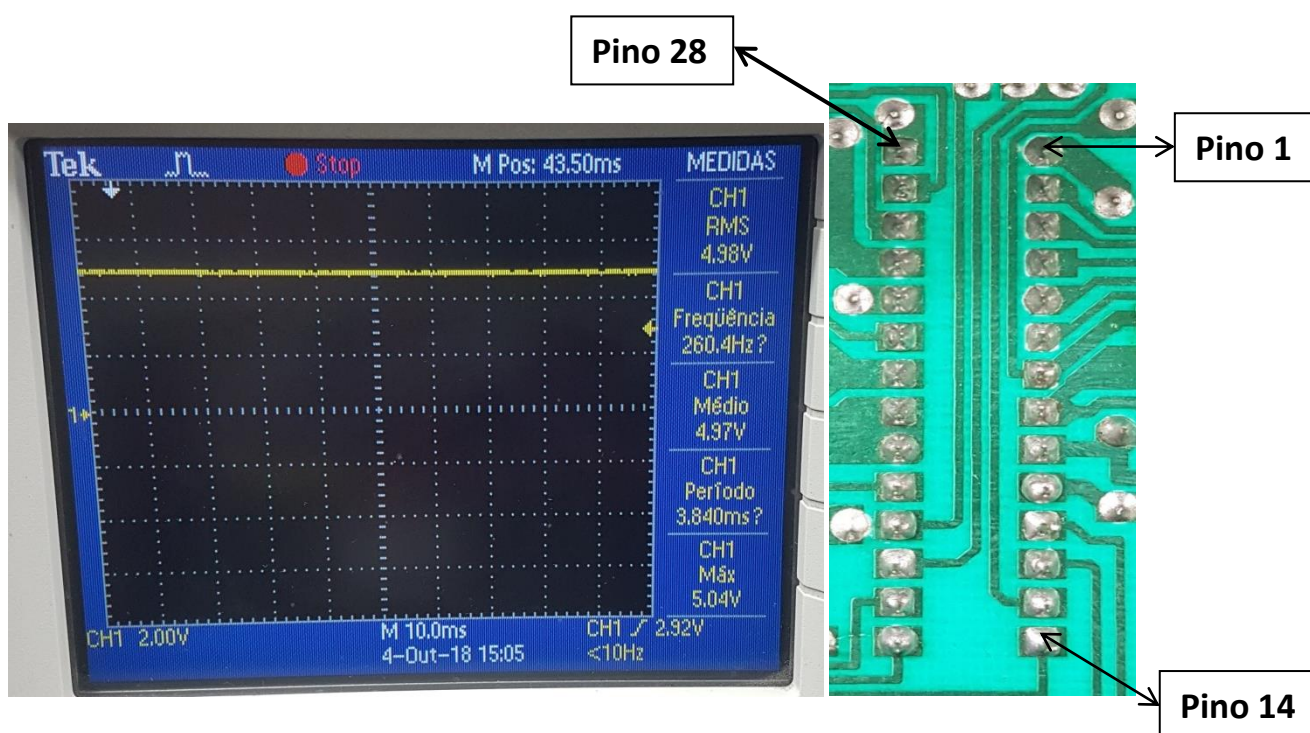
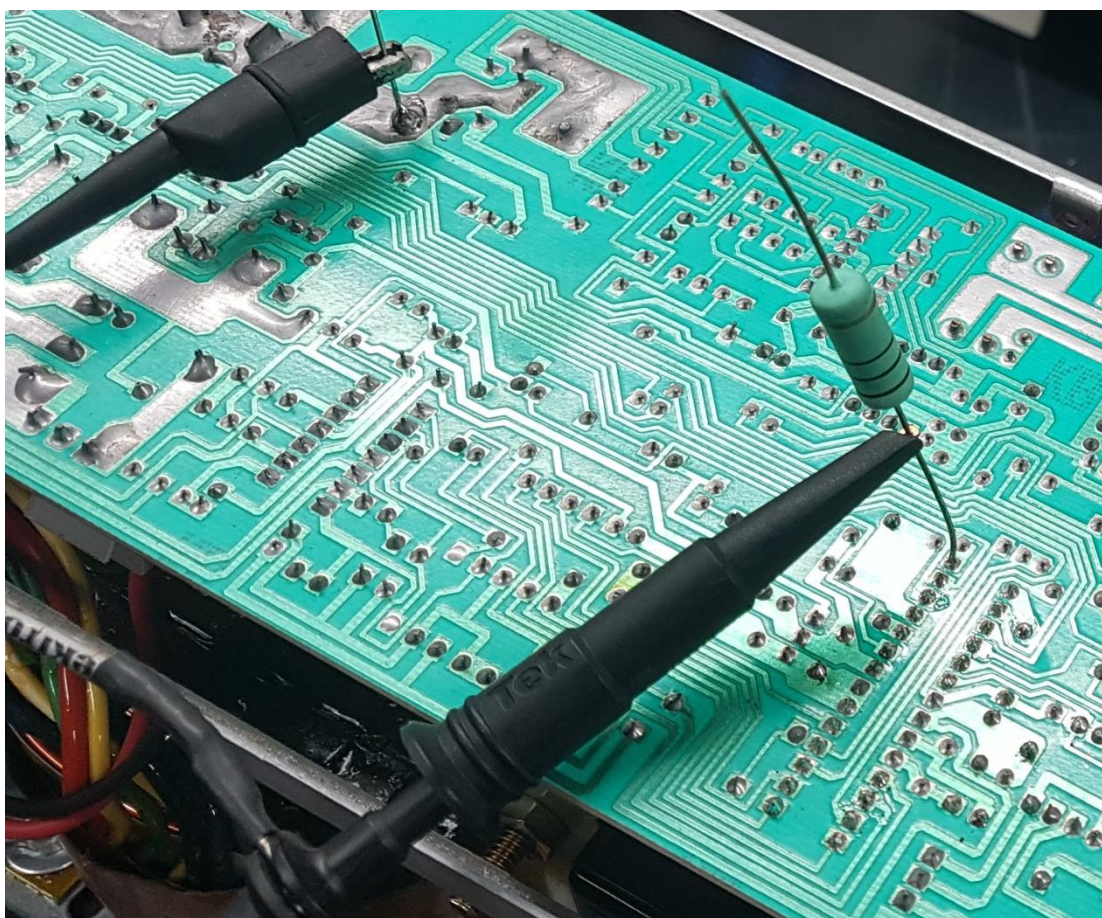
Onda no osciloscópio

2.26.Medição no pino 27



Onda no osciloscópio

2.27. Medição no pino 28

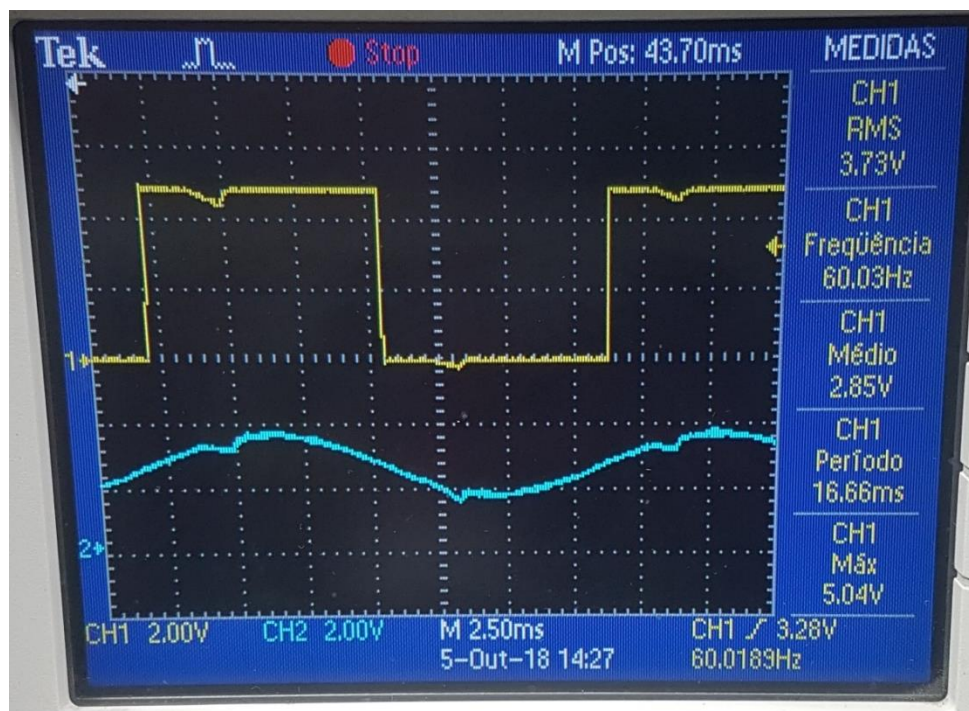
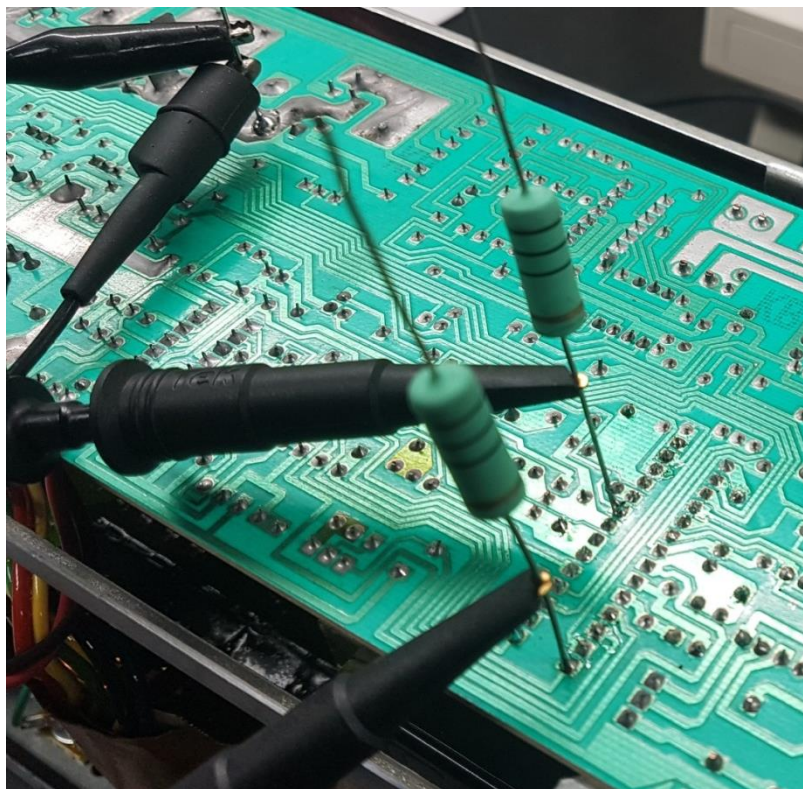


Onda no osciloscópio

3.FORMA DE ONDA EM MODO REDE:

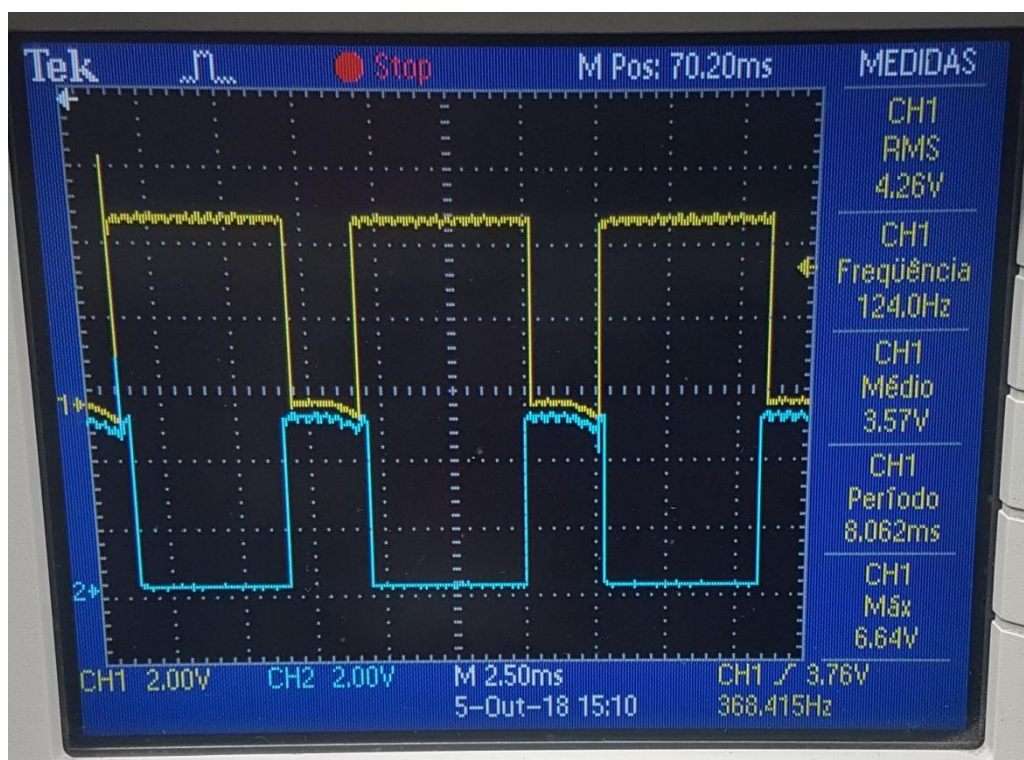
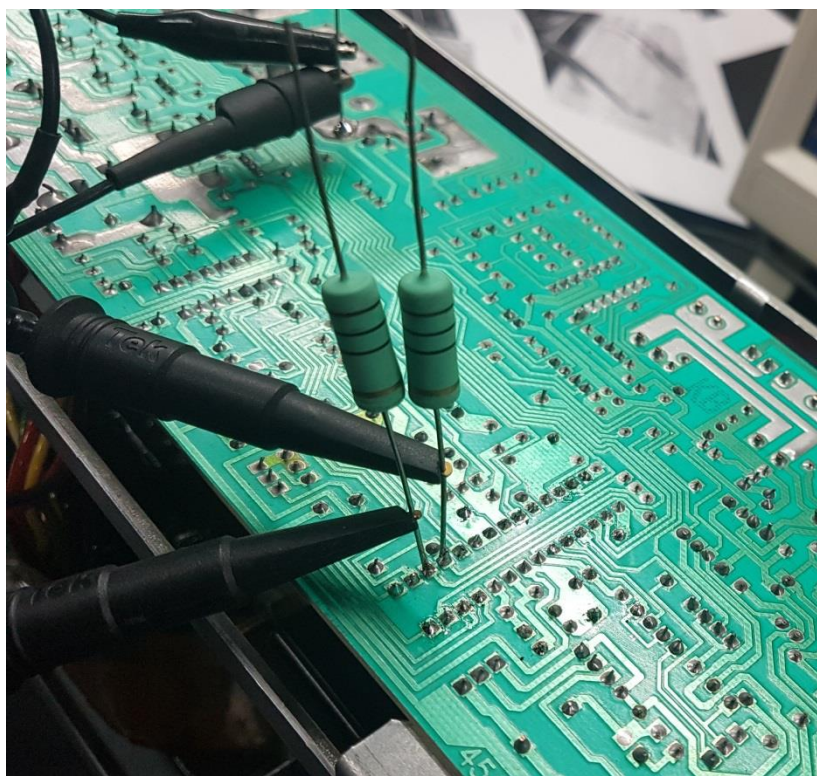
Medição no pino 14 e 23 simultaneamente, referencial no terra:

3.1.SINCRONISMO



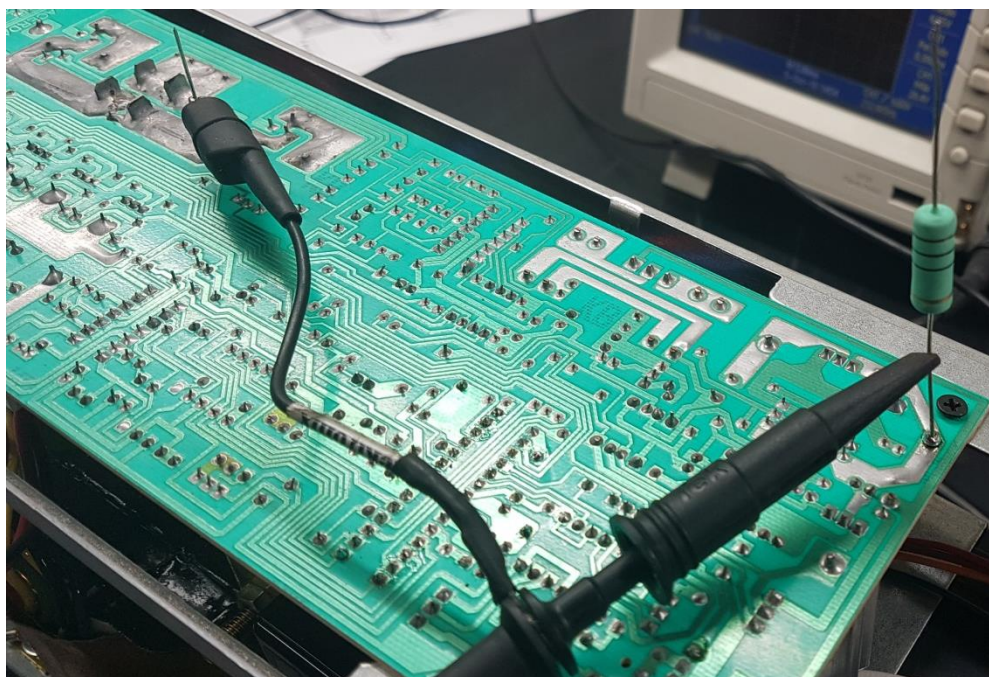
PULSO DE DISPARO DO CIRCUITO CARREGADOR DE BATERIA:

3.2. Medição nos pinos 17 e 18 em rede:

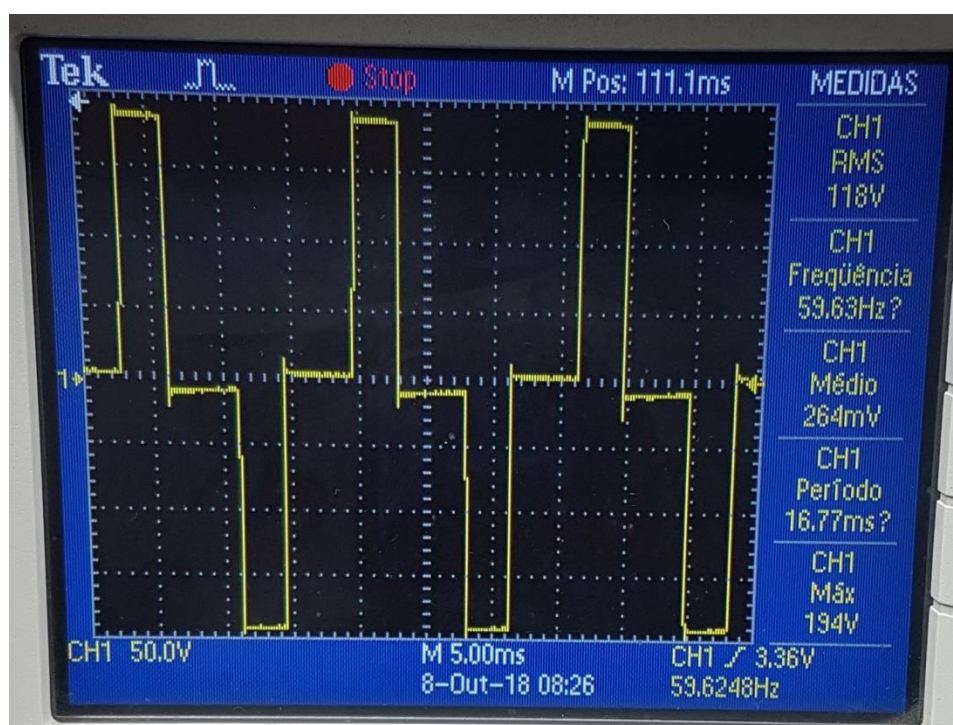


PULSOS DO CIRCUITO CARREGADOR NO DIODO D8:

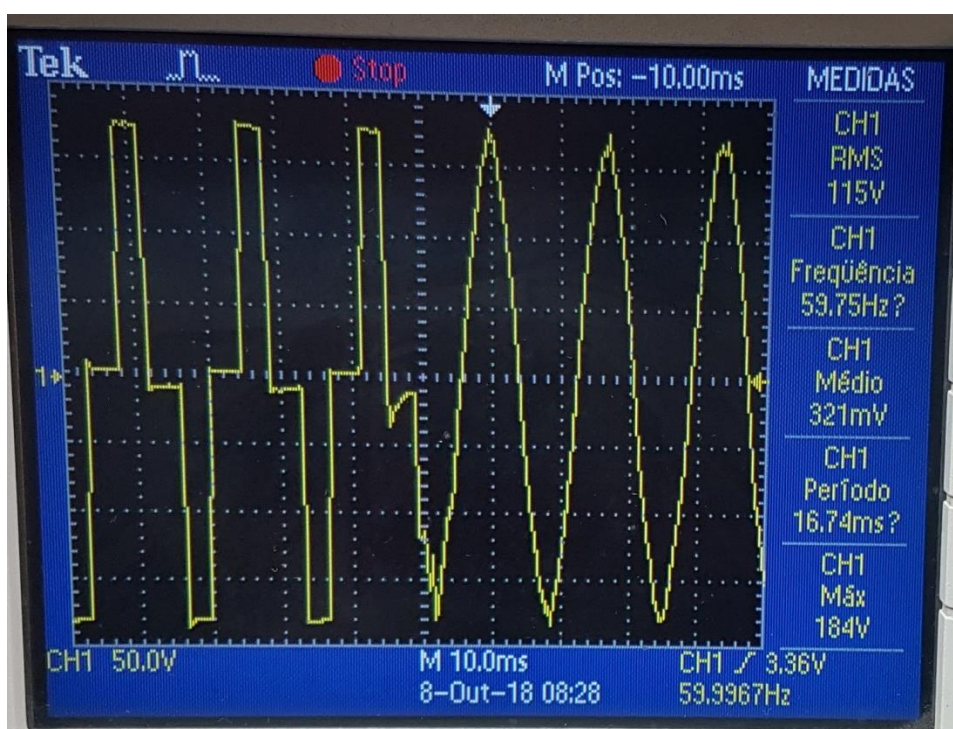
3.3. Medição no anodo D8 com referencial terra:



3.4.FORMA DE ONDA SAÍDA INVERSOR:



FORMA DE ONDA INVERSOR -> REDE:



FORMA DE ONDA REDE -> INVERSOR:

